

## Lesson Plan

Name of the Assistant/ Associate Professor: Jhujhar Singh

Class and Section: PGDCA

Subject: CS-DE-11 COMPUTER ORGANIZATION & NETWORKING FUNDAMENTALS

Week	Date	Topics
1	1-Jan-18	Fundamentals of computers:Block diagram of a digital computer
	2-Jan-18	Classification
	3-Jan-18	Hardware
	4-Jan-18	Software
	5-Jan-18	<b>Guru Govind Singh Birthday</b>
	6-Jan-18	Group Discussion
	7-Jan-18	<b>Sunday</b>
2	8-Jan-18	Class Test
	9-Jan-18	I/O devices
	10-Jan-18	Storage devices – hard disk
	11-Jan-18	pen drive, optical devices
	12-Jan-18	Information representation - Number Systems
	13-Jan-18	conversion from one number system to another number system
	14-Jan-18	<b>Sunday</b>
3	15-Jan-18	Integer Representation – sign magnitude
	16-Jan-18	1's complement
	17-Jan-18	do
	18-Jan-18	2's complement
	19-Jan-18	do
	20-Jan-18	BCD codes
	21-Jan-18	<b>Sunday</b>
4	22-Jan-18	<b>Vasant Panchami</b>
	23-Jan-18	do
	24-Jan-18	<b>Sir Chhotu Ram Jayanti</b>
	25-Jan-18	Group Discussion
	26-Jan-18	<b>Republic Day</b>
	27-Jan-18	Floating point Representation
	28-Jan-18	<b>Sunday</b>
5	29-Jan-18	Binary arithmetic – addition, subtraction
	30-Jan-18	multiplication, division
	31-Jan-18	<b>Guru Ravidas jayanti</b>

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Class and Section: PGDCA

Subject: CS-DE-11 COMPUTER ORGANIZATION & NETWORKING FUNDAMENTALS

Week	Date	Topics
1	1-Feb-18	Boolean Functions: Boolean algebra
	2-Feb-18	Truth tables
	3-Feb-18	Logic gates
	4-Feb-18	<b>Sunday</b>
2	5-Feb-18	Group Discussion
	6-Feb-18	Canonical representation of Boolean functions
	7-Feb-18	Simplification of Boolean expressions – Karnaugh Maps
	8-Feb-18	Quine McCluskey procedure
	9-Feb-18	do
	10-Feb-18	<b>Maharshi Dayanand Saraswati Jayanti</b>
	11-Feb-18	<b>Sunday</b>
3	12-Feb-18	Sessional Test
	13-Feb-18	<b>Maha Shivratri</b>
	14-Feb-18	Combinational Circuits: Half adder, Full adder
	15-Feb-18	Half subtractor, Full subtractor
	16-Feb-18	Parallel Binary Adder
	17-Feb-18	do
	18-Feb-18	<b>Sunday</b>
4	19-Feb-18	Assignment
	20-Feb-18	Black Board Test
	21-Feb-18	BCD Adder
	22-Feb-18	Code Converter
	23-Feb-18	Decoder
	24-Feb-18	Encoder
	25-Feb-18	<b>Sunday</b>
5	26-Feb-18	Multiplexer
	27-Feb-18	Demultiplexer
	28-Feb-18	<b>KUK Holidays</b>

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Class and Section: PGDCA

Subject: CS-DE-11 COMPUTER ORGANIZATION & NETWORKING FUNDAMENTALS

Week	Date	Topics
1	1-Mar-18	<b>KUK Holidays/Guru Ravidas Birthday</b>
	2-Mar-18	<b>KUK Holidays/Holi</b>
	3-Mar-18	<b>KUK Holidays</b>
	4-Mar-18	<b>KUK Holidays/Sunday</b>
2	5-Mar-18	Sequential Circuits
	6-Mar-18	Flip-flops
	7-Mar-18	Synchronous & Asynchronous Basic Flip Flops
	8-Mar-18	D-type
	9-Mar-18	do
	10-Mar-18	T-type Flip Flops
	11-Mar-18	<b>Sunday</b>
3	12-Mar-18	do
	13-Mar-18	Class Test
	14-Mar-18	JK Flip Flop
	15-Mar-18	Master-Slave Flip Flop
	16-Mar-18	do
	17-Mar-18	Group Discussion
	18-Mar-18	<b>Sunday</b>
4	19-Mar-18	Sessional Test
	20-Mar-18	Characteristics & Excitation tables of flip-flops
	21-Mar-18	Registers
	22-Mar-18	Shift Registers
	23-Mar-18	<b>Shaheedi Diwas of Bhagat Singh, Rajguru &amp; Sukhdev</b>
	24-Mar-18	do
	25-Mar-18	<b>Sunday/ Ram Navami</b>
5	26-Mar-18	Counters - synchronous & asynchronous binary counters
	27-Mar-18	do
	28-Mar-18	Group Discussion
	29-Mar-18	<b>Mahavir Jayanti</b>
	30-Mar-18	modulo-N counter
	31-Mar-18	do

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Name of the Assistant/ Associate Professor: Jhujhar Singh

Class and Section: PGDCA

Subject: CS-DE-11 COMPUTER ORGANIZATION & NETWORKING FUNDAMENTALS

Week	Date	Topics
1	1-Apr-18	Introduction to Computer Networks
	2-Apr-18	Types of Computer Networks and their topologies
	3-Apr-18	Transmission media - wired and wireless
	4-Apr-18	do
	5-Apr-18	Network hardware components - connectors
	6-Apr-18	transceivers & media converters
	7-Apr-18	do
	8-Apr-18	<b>Sunday</b>
2	9-Apr-18	Group Discussion
	10-Apr-18	Sessional Test
	11-Apr-18	repeaters, network interface cards and PC cards
	12-Apr-18	bridges, switches
	13-Apr-18	routers, gateways
	14-Apr-18	<b>Dr Ambedkar Jayanti / Vaisakhi</b>
	15-Apr-18	<b>Sunday</b>
3	16-Apr-18	Introduction to the Internet, concepts of Internet and Intranet
	17-Apr-18	IP addresses, DNS
	18-Apr-18	<b>Parashurama Jayanti</b>
	19-Apr-18	Internet Services; E-mail; File transfer and FTP
	20-Apr-18	Remote login using TELNET; World Wide Web and HTTP
	21-Apr-18	Web Browsers; Search Engines
	22-Apr-18	<b>Sunday</b>
4	23-Apr-18	Uniform Resource Locator(URL); Web Servers
	24-Apr-18	Internet Connections: Dialup; Leased line
	25-Apr-18	Modems; DSL service
	26-Apr-18	do
	27-Apr-18	Internet Service Provider
	28-Apr-18	do

## Lesson Plan

Name of the Assistant/ Associate Professor: Jhujhar Singh

Class and Section: B.COM.(VOC.). 4th Sem.

Subject: BC(Voc)-405 DESKTOP PUBLISHING

Week	Date	Topics
1	1-Jan-18	Desktop Publishing
	2-Jan-18	Concept
	3-Jan-18	Need and Applications
	4-Jan-18	do
	5-Jan-18	<b>Guru Govind Singh Birthday</b>
	6-Jan-18	Group Discussion
	7-Jan-18	<b>Sunday</b>
2	8-Jan-18	Class Test
	9-Jan-18	Hardware
	10-Jan-18	Software Requirements for DTP
	11-Jan-18	do
	12-Jan-18	An overview of DTP packages- MS word
	13-Jan-18	do
	14-Jan-18	<b>Sunday</b>
3	15-Jan-18	Practical Work
	16-Jan-18	do
	17-Jan-18	do
	18-Jan-18	do
	19-Jan-18	do
	20-Jan-18	Practical Test
	21-Jan-18	<b>Sunday</b>
4	22-Jan-18	<b>Vasant Panchami</b>
	23-Jan-18	Open office
	24-Jan-18	<b>Sir Chhotu Ram Jayanti</b>
	25-Jan-18	Practical Work
	26-Jan-18	<b>Republic Day</b>
	27-Jan-18	do
	28-Jan-18	<b>Sunday</b>
5	29-Jan-18	do
	30-Jan-18	Sessional Test
	31-Jan-18	<b>Guru Ravidas jayanti</b>

## Lesson Plan

Name of the Assistant/ Associate Professor: Jhujhar Singh

Class and Section: B.COM.(VOC.). 4th Sem.

Subject: BC(Voc)-405 DESKTOP PUBLISHING

Week	Date	Topics
1	1-Feb-18	Comparison of DTP software
	2-Feb-18	do
	3-Feb-18	PageMaker
	4-Feb-18	<b>Sunday</b>
2	5-Feb-18	do
	6-Feb-18	Text formatting and word-formatting features
	7-Feb-18	Practical Work
	8-Feb-18	do
	9-Feb-18	do
	10-Feb-18	<b>Maharshi Dayanand Saraswati Jayanti</b>
	11-Feb-18	<b>Sunday</b>
3	12-Feb-18	Sessional Test
	13-Feb-18	<b>Maha Shivratri</b>
	14-Feb-18	Practical Work
	15-Feb-18	do
	16-Feb-18	Composition and typography
	17-Feb-18	do
	18-Feb-18	<b>Sunday</b>
4	19-Feb-18	do
	20-Feb-18	graphics and text objects
	21-Feb-18	do
	22-Feb-18	do
	23-Feb-18	do
	24-Feb-18	do
	25-Feb-18	<b>Sunday</b>
5	26-Feb-18	Group Discussion
	27-Feb-18	do
	28-Feb-18	<b>KUK Holidays</b>

## Lesson Plan

Name of the Assistant/ Associate Professor: Jhujhar Singh

Class and Section: B.COM.(VOC.). 4th Sem.

Subject: BC(Voc)-405 DESKTOP PUBLISHING

Week	Date	Topics
1	1-Mar-18	<b>KUK Holidays/Guru Ravidas Birthday</b>
	2-Mar-18	<b>KUK Holidays/Holi</b>
	3-Mar-18	<b>KUK Holidays</b>
	4-Mar-18	<b>KUK Holidays/Sunday</b>
2	5-Mar-18	indexes contents and pagination
	6-Mar-18	do
	7-Mar-18	do
	8-Mar-18	do
	9-Mar-18	colour management
	10-Mar-18	do
	11-Mar-18	<b>Sunday</b>
3	12-Mar-18	Practical Test
	13-Mar-18	Practical Work
	14-Mar-18	do
	15-Mar-18	do
	16-Mar-18	do
	17-Mar-18	Tables handling
	18-Mar-18	<b>Sunday</b>
4	19-Mar-18	do
	20-Mar-18	Assignment
	21-Mar-18	do
	22-Mar-18	do
	23-Mar-18	<b>Shaheedi Diwas of Bhagat Singh, Rajguru &amp; Sukhdev</b>
	24-Mar-18	Sessional Test
	25-Mar-18	<b>Sunday/ Ram Navami</b>
5	26-Mar-18	Assignment
	27-Mar-18	do
	28-Mar-18	do
	29-Mar-18	<b>Mahavir Jayanti</b>
	30-Mar-18	Group Discussion
	31-Mar-18	do

## Lesson Plan

Name of the Assistant/ Associate Professor: Jhujhar Singh

Class and Section: B.COM.(VOC.). 4th Sem.

Subject: BC(Voc)-405 DESKTOP PUBLISHING

Week	Date	Topics
1	1-Apr-18	printing & publications
	2-Apr-18	do
	3-Apr-18	do
	4-Apr-18	Practical Work
	5-Apr-18	do
	6-Apr-18	do
	7-Apr-18	do
	8-Apr-18	<b>Sunday</b>
2	9-Apr-18	Assignment
	10-Apr-18	do
	11-Apr-18	do
	12-Apr-18	do
	13-Apr-18	Group discussion
	14-Apr-18	<b>Dr Ambedkar Jayanti / Vaisakhi</b>
	15-Apr-18	<b>Sunday</b>
3	16-Apr-18	Sessional Test
	17-Apr-18	Practical Work
	18-Apr-18	<b>Parashurama Jayanti</b>
	19-Apr-18	do
	20-Apr-18	do
	21-Apr-18	do
	22-Apr-18	<b>Sunday</b>
4	23-Apr-18	do
	24-Apr-18	Advantages and limitations of PageMaker over MS Word
	25-Apr-18	do
	26-Apr-18	do
	27-Apr-18	Practical Work
	28-Apr-18	Group discussion



## Lesson Plan

Name of the Assistant/ Associate Professor: Jhujhar Singh

Class and Section: BCA 6th Sem.

Subject: BCA-364: Internet Technologies

Week	Date	Topics
1	1-Jan-18	Internet: Introduction
	2-Jan-18	History
	3-Jan-18	Internet Services
	4-Jan-18	do
	5-Jan-18	<b>Guru Govind Singh Birthday</b>
	6-Jan-18	Class Test
	7-Jan-18	<b>Sunday</b>
2	8-Jan-18	TCP/IP: Architecture
	9-Jan-18	Layers
	10-Jan-18	Protocols
	11-Jan-18	TCP/IP model versus OSI Model
	12-Jan-18	do
	13-Jan-18	Assignment
	14-Jan-18	<b>Sunday</b>
3	15-Jan-18	World Wide Web (WWW) - The Client Side
	16-Jan-18	The Server Side
	17-Jan-18	Creating and Searching Information on the Web
	18-Jan-18	Popular Search Engines
	19-Jan-18	URL
	20-Jan-18	Web Browsers
	21-Jan-18	<b>Sunday</b>
4	22-Jan-18	<b>Vasant Panchami</b>
	23-Jan-18	Group Discussion
	24-Jan-18	<b>Sir Chhotu Ram Jayanti</b>
	25-Jan-18	Sessional Test
	26-Jan-18	<b>Republic Day</b>
	27-Jan-18	Chat & Bulletin Board
	28-Jan-18	<b>Sunday</b>
5	29-Jan-18	USENET & NNTP (Network News Transfer Protocol)
	30-Jan-18	Internet vs. Intranet
	31-Jan-18	<b>Guru Ravidas jayanti</b>

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Name of the Assistant/ Associate Professor: Jhujhar Singh

Class and Section: BCA 6th Sem.

Subject: BCA-364: Internet Technologies

Week	Date	Topics
1	1-Feb-18	TCP
	2-Feb-18	UDP and IP Protocols
	3-Feb-18	Port Numbers
	4-Feb-18	<b>Sunday</b>
2	5-Feb-18	Group Discussion
	6-Feb-18	Format of TCP, UDP and IP
	7-Feb-18	IPv4 addressing
	8-Feb-18	The need for IPv6
	9-Feb-18	IPv6 addressing and packet format
	10-Feb-18	<b>Maharshi Dayanand Saraswati Jayanti</b>
	11-Feb-18	<b>Sunday</b>
3	12-Feb-18	Sessional Test
	13-Feb-18	<b>Maha Shivratri</b>
	14-Feb-18	TCP Services
	15-Feb-18	TCP Connection Management
	16-Feb-18	Remote Procedure Call
	17-Feb-18	IP Address Resolution- DNS
	18-Feb-18	<b>Sunday</b>
4	19-Feb-18	Assignment
	20-Feb-18	Domain Name Space
	21-Feb-18	DNS Mapping
	22-Feb-18	Recursive and Iterative Resolution
	23-Feb-18	Mapping Internet Addresses to Physical Addresses: ARP
	24-Feb-18	RARP, DHCP
	25-Feb-18	<b>Sunday</b>
5	26-Feb-18	ICMP,IGMP
	27-Feb-18	Group Discussion
	28-Feb-18	<b>KUK Holidays</b>

## Lesson Plan

Name of the Assistant/ Associate Professor: Jhujhar Singh

Class and Section: BCA 6th Sem.

Subject: BCA-364: Internet Technologies

Week	Date	Topics
1	1-Mar-18	<b>KUK Holidays/Guru Ravidas Birthday</b>
	2-Mar-18	<b>KUK Holidays/Holi</b>
	3-Mar-18	<b>KUK Holidays</b>
	4-Mar-18	<b>KUK Holidays/Sunday</b>
2	5-Mar-18	Application Layer: Electronic Mail
	6-Mar-18	Architecture of Electronic Mail
	7-Mar-18	Protocols - SMTP
	8-Mar-18	MIME, POP
	9-Mar-18	IMAP
	10-Mar-18	do
	11-Mar-18	<b>Sunday</b>
3	12-Mar-18	Group Discussion
	13-Mar-18	Web Based Mail
	14-Mar-18	File Access and Transfer: FTP
	15-Mar-18	Anonymous FTP
	16-Mar-18	TFTP
	17-Mar-18	NFS
	18-Mar-18	<b>Sunday</b>
4	19-Mar-18	Remote Login using TELNET
	20-Mar-18	Voice and Video over IP: RTP
	21-Mar-18	do
	22-Mar-18	Group Discussion
	23-Mar-18	<b>Shaheedi Diwas of Bhagat Singh, Rajguru &amp; Sukhdev</b>
	24-Mar-18	Seminar
	25-Mar-18	<b>Sunday/ Ram Navami</b>
5	26-Mar-18	RTCP
	27-Mar-18	IP Telephony and Signaling
	28-Mar-18	do
	29-Mar-18	<b>Mahavir Jayanti</b>
	30-Mar-18	IP
	31-Mar-18	Class Test

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Class and Section: BCA 6th Sem.

Subject: BCA-364: Internet Technologies

Week	Date	Topics
1	1-Apr-18	<b>Topics</b>
	2-Apr-18	Routing in Internet: RIP
	3-Apr-18	Routing in Internet:OSPF
	4-Apr-18	Routing in Internet:BGP
	5-Apr-18	do
	6-Apr-18	Internet Multicasting
	7-Apr-18	Group Discussion
	8-Apr-18	<b>Sunday</b>
2	9-Apr-18	Mobile IP
	10-Apr-18	Private Network Interconnection: Network Address Translation (NAT)
	11-Apr-18	do
	12-Apr-18	Virtual Private Network (VPN)
	13-Apr-18	Internet Management and SNMP
	14-Apr-18	<b>Dr Ambedkar Jayanti / Vaisakhi</b>
	15-Apr-18	<b>Sunday</b>
3	16-Apr-18	Sessional Test
	17-Apr-18	Internet Security: E-Mail Security
	18-Apr-18	<b>Parashurama Jayanti</b>
	19-Apr-18	Web Security
	20-Apr-18	do
	21-Apr-18	do
	22-Apr-18	<b>Sunday</b>
4	23-Apr-18	Class Test
	24-Apr-18	Firewall
	25-Apr-18	do
	26-Apr-18	Introduction to IPSec and SSL;
	27-Apr-18	do
	28-Apr-18	Class Test

## Lesson Plan

Name of the Assistant/ Associate Professor: Jhujhar Singh

Class and Section: B.COM.(VOC.). 2th Sem.

Subject: BC(Voc)-205 PROGRAMMING IN C

Week	Date	Topics
1	1-Jan-18	Programming in C
	2-Jan-18	character set
	3-Jan-18	do
	4-Jan-18	do
	5-Jan-18	<b>Guru Govind Singh Birthday</b>
	6-Jan-18	Practical Work
	7-Jan-18	<b>Sunday</b>
2	8-Jan-18	do
	9-Jan-18	identifiers and keywords
	10-Jan-18	do
	11-Jan-18	Practical Work
	12-Jan-18	do
	13-Jan-18	do
	14-Jan-18	<b>Sunday</b>
3	15-Jan-18	Class Test
	16-Jan-18	constants and variables
	17-Jan-18	do
	18-Jan-18	Group Discussion
	19-Jan-18	data types
	20-Jan-18	do
	21-Jan-18	<b>Sunday</b>
4	22-Jan-18	<b>Vasant Panchami</b>
	23-Jan-18	Sessional Test
	24-Jan-18	<b>Sir Chhotu Ram Jayanti</b>
	25-Jan-18	Assignment
	26-Jan-18	<b>Republic Day</b>
	27-Jan-18	do
	28-Jan-18	<b>Sunday</b>
5	29-Jan-18	Practical Work
	30-Jan-18	do
	31-Jan-18	<b>Guru Ravidas jayanti</b>

## Lesson Plan

Name of the Assistant/ Associate Professor: Jhujhar Singh

Class and Section: B.COM.(VOC.). 2th Sem.

Subject: BC(Voc)-205 PROGRAMMING IN C

Week	Date	Topics
1	1-Feb-18	expressions and statements
	2-Feb-18	do
	3-Feb-18	do
	4-Feb-18	<b>Sunday</b>
2	5-Feb-18	Practical Work
	6-Feb-18	do
	7-Feb-18	Arithmetic Operator
	8-Feb-18	do
	9-Feb-18	Assignment
	10-Feb-18	<b>Maharshi Dayanand Saraswati Jayanti</b>
	11-Feb-18	<b>Sunday</b>
3	12-Feb-18	Sessional Test
	13-Feb-18	<b>Maha Shivratri</b>
	14-Feb-18	Logical Operator
	15-Feb-18	do
	16-Feb-18	Assignment
	17-Feb-18	do
	18-Feb-18	<b>Sunday</b>
4	19-Feb-18	relational and bitwise operators
	20-Feb-18	do
	21-Feb-18	Practical Work
	22-Feb-18	do
	23-Feb-18	do
	24-Feb-18	Practical Test
	25-Feb-18	<b>Sunday</b>
5	26-Feb-18	their hierarchy
	27-Feb-18	Assignment and conditional operators
	28-Feb-18	<b>KUK Holidays</b>

## Lesson Plan

Name of the Assistant/ Associate Professor: Jhujhar Singh

Class and Section: B.COM.(VOC.). 2th Sem.

Subject: BC(Voc)-205 PROGRAMMING IN C

Week	Date	Topics
1	1-Mar-18	<b>KUK Holidays/Guru Ravidas Birthday</b>
	2-Mar-18	<b>KUK Holidays/Holi</b>
	3-Mar-18	<b>KUK Holidays</b>
	4-Mar-18	<b>KUK Holidays/Sunday</b>
2	5-Mar-18	Practical Work
	6-Mar-18	do
	7-Mar-18	Input/output statements
	8-Mar-18	do
	9-Mar-18	Practical Work
	10-Mar-18	do
	11-Mar-18	<b>Sunday</b>
3	12-Mar-18	do
	13-Mar-18	Assignment
	14-Mar-18	do
	15-Mar-18	do
	16-Mar-18	do
	17-Mar-18	control statements-if-else
	18-Mar-18	<b>Sunday</b>
4	19-Mar-18	do
	20-Mar-18	Sessional Test
	21-Mar-18	switch break
	22-Mar-18	do
	23-Mar-18	<b>Shaheedi Diwas of Bhagat Singh, Rajguru &amp; Sukhdev</b>
	24-Mar-18	Practical Work
	25-Mar-18	<b>Sunday/ Ram Navami</b>
5	26-Mar-18	do
	27-Mar-18	do
	28-Mar-18	Assignment
	29-Mar-18	<b>Mahavir Jayanti</b>
	30-Mar-18	Assignment
	31-Mar-18	do

## Lesson Plan

Name of the Assistant/ Associate Professor: Jhujhar Singh

Class and Section: B.COM.(VOC.). 2th Sem.

Subject: BC(Voc)-205 PROGRAMMING IN C

Week	Date	Topics
1	1-Apr-18	continue and loops
	2-Apr-18	do
	3-Apr-18	do
	4-Apr-18	Practical Work
	5-Apr-18	do
	6-Apr-18	do
	7-Apr-18	Assignment
	8-Apr-18	<b>Sunday</b>
2	9-Apr-18	do
	10-Apr-18	do
	11-Apr-18	Arrays
	12-Apr-18	do
	13-Apr-18	do
	14-Apr-18	<b>Dr Ambedkar Jayanti / Vaisakhi</b>
	15-Apr-18	<b>Sunday</b>
3	16-Apr-18	Sessional Test
	17-Apr-18	functions
	18-Apr-18	<b>Parashurama Jayanti</b>
	19-Apr-18	do
	20-Apr-18	pointer
	21-Apr-18	do
	22-Apr-18	<b>Sunday</b>
4	23-Apr-18	Practical Work
	24-Apr-18	structure and unions
	25-Apr-18	do
	26-Apr-18	data files
	27-Apr-18	do
	28-Apr-18	developing simple programmes





## Lesson Plan

Name of the Assistant/ Associate Professor: Gurpreet Kaur

Class and Section: BCA 4th Sem.

Subject: BCA – 241 ADVANCED DATA STRUCTURE

Week	Date	Topics
1	1-Jan-18	Tree: Introduction
	2-Jan-18	Definition
	3-Jan-18	Representing Binary tree in memory
	4-Jan-18	do
	5-Jan-18	<b>Guru Govind Singh Birthday</b>
	6-Jan-18	Assignment
	7-Jan-18	<b>Sunday</b>
2	8-Jan-18	Traversing binary trees
	9-Jan-18	do
	10-Jan-18	Group Dicussion
	11-Jan-18	Class Test
	12-Jan-18	Traversal algorithms using stacks
	13-Jan-18	do
	14-Jan-18	<b>Sunday</b>
3	15-Jan-18	Binary search trees: introduction
	16-Jan-18	do
	17-Jan-18	Storage of Binary Search Tree
	18-Jan-18	Searching in BST
	19-Jan-18	do
	20-Jan-18	Insertion in a Binary search tree
	21-Jan-18	<b>Sunday</b>
4	22-Jan-18	<b>Vasant Panchami</b>
	23-Jan-18	deletion in a Binary search tree
	24-Jan-18	<b>Sir Chhotu Ram Jayanti</b>
	25-Jan-18	Sessional Test
	26-Jan-18	<b>Republic Day</b>
	27-Jan-18	Huffman's algorithm
	28-Jan-18	<b>Sunday</b>
5	29-Jan-18	General trees
	30-Jan-18	Group Dicussion
	31-Jan-18	<b>Guru Ravidas jayanti</b>

## Lesson Plan

Name of the Assistant/ Associate Professor: Gurpreet Kaur

Class and Section: BCA 4th Sem.

Subject: BCA – 241 ADVANCED DATA STRUCTURE

Week	Date	Topics
1	1-Feb-18	Graph: Introduction
	2-Feb-18	Graph theory terminology
	3-Feb-18	do
	4-Feb-18	<b>Sunday</b>
2	5-Feb-18	Sequential and linked representation of graphs
	6-Feb-18	do
	7-Feb-18	operations on graphs
	8-Feb-18	do
	9-Feb-18	Group discussion
	10-Feb-18	<b>Maharshi Dayanand Saraswati Jayanti</b>
	11-Feb-18	<b>Sunday</b>
3	12-Feb-18	Class Test
	13-Feb-18	<b>Maha Shivratri</b>
	14-Feb-18	Traversal algorithms in graphs and their implementation
	15-Feb-18	do
	16-Feb-18	Group discussion
	17-Feb-18	Sessional Test
	18-Feb-18	<b>Sunday</b>
4	19-Feb-18	Warshall's algorithm for shortest path
	20-Feb-18	do
	21-Feb-18	do
	22-Feb-18	Black Board Test
	23-Feb-18	Dijkstra algorithm for shortest path
	24-Feb-18	do
	25-Feb-18	<b>Sunday</b>
5	26-Feb-18	Group discussion
	27-Feb-18	Class Test
	28-Feb-18	<b>KUK Holidays</b>

## Lesson Plan

Name of the Assistant/ Associate Professor: Gurpreet Kaur

Class and Section: BCA 4th Sem.

Subject: BCA – 241 ADVANCED DATA STRUCTURE

Week	Date	Topics
1	1-Mar-18	<b>KUK Holidays/Guru Ravidas Birthday</b>
	2-Mar-18	<b>KUK Holidays/Holi</b>
	3-Mar-18	<b>KUK Holidays</b>
	4-Mar-18	<b>KUK Holidays/Sunday</b>
2	5-Mar-18	Sorting:Introduction
	6-Mar-18	Internal & external sorting
	7-Mar-18	do
	8-Mar-18	Radix sort
	9-Mar-18	do
	10-Mar-18	Group Discussion
	11-Mar-18	<b>Sunday</b>
3	12-Mar-18	Quick sort
	13-Mar-18	do
	14-Mar-18	Heap sort
	15-Mar-18	do
	16-Mar-18	Merge sort
	17-Mar-18	do
	18-Mar-18	<b>Sunday</b>
4	19-Mar-18	Sessional Test
	20-Mar-18	Tournament sort
	21-Mar-18	do
	22-Mar-18	Group Discussion
	23-Mar-18	<b>Shaheedi Diwas of Bhagat Singh, Rajguru &amp; Sukhdev</b>
	24-Mar-18	Class Test
	25-Mar-18	<b>Sunday/ Ram Navami</b>
5	26-Mar-18	Comparison of various sorting on the basis of their complexity
	27-Mar-18	do
	28-Mar-18	Comparison of various searching algorithms on the basis of their complexity
	29-Mar-18	<b>Mahavir Jayanti</b>
	30-Mar-18	Group Discussion

31-Mar-18

Group Discussion

**Lesson Plan**Name of the Assistant/ Associate Professor: **Gurpreet Kaur**Class and Section: **BCA 4th Sem.**Subject: **BCA – 241 ADVANCED DATA STRUCTURE**

Week	Date	Topics
1	1-Apr-18	<b>Sunday</b>
	2-Apr-18	Files: Introduction
	3-Apr-18	Attributes of a file
	4-Apr-18	do
	5-Apr-18	Classification of files
	6-Apr-18	do
	7-Apr-18	Group Discussion
	8-Apr-18	<b>Sunday</b>
2	9-Apr-18	File operations
	10-Apr-18	do
	11-Apr-18	Comparison of various types of files
	12-Apr-18	do
	13-Apr-18	Group Discussion
	14-Apr-18	<b>Dr Ambedkar Jayanti / Vaisakhi</b>
	15-Apr-18	<b>Sunday</b>
3	16-Apr-18	Sessional Test
	17-Apr-18	File organization
	18-Apr-18	<b>Parashurama Jayanti</b>
	19-Apr-18	Sequential
	20-Apr-18	Indexed-sequential
	21-Apr-18	Random-access file
	22-Apr-18	<b>Sunday</b>
4	23-Apr-18	Problem Day
	24-Apr-18	Group Discussion
	25-Apr-18	Hashing
	26-Apr-18	Introduction
	27-Apr-18	Collision resolution



## Lesson Plan

Name of the Assistant/ Associate Professor: Gurpreet Kaur

Class and Section: BCA 4th Sem.

Subject: BCA – 245 COMPUTER-ORIENTED STATISTICAL METHODS

Week	Date	Topics
1	1-Jan-18	Basic Statistics
	2-Jan-18	do
	3-Jan-18	Preparing Frequency Distribution Table
	4-Jan-18	do
	5-Jan-18	<b>Guru Govind Singh Birthday</b>
	6-Jan-18	Cumulative frequency
	7-Jan-18	<b>Sunday</b>
2	8-Jan-18	Measure of Central Tendency, Types
	9-Jan-18	Arithmetic mean
	10-Jan-18	Geometric Mean
	11-Jan-18	Harmonic Mean
	12-Jan-18	Median
	13-Jan-18	Mode
	14-Jan-18	<b>Sunday</b>
3	15-Jan-18	Sessional Test
	16-Jan-18	Measure of Dispersion
	17-Jan-18	Range
	18-Jan-18	Quartile Deviation
	19-Jan-18	Mean deviation
	20-Jan-18	Coefficient of mean Deviation, Standard Deviation
	21-Jan-18	<b>Sunday</b>
4	22-Jan-18	<b>Vasant Panchami</b>
	23-Jan-18	Moments : Moments About mean
	24-Jan-18	<b>Sir Chhotu Ram Jayanti</b>
	25-Jan-18	Moments about any point, Moment about origin
	26-Jan-18	<b>Republic Day</b>
	27-Jan-18	Moment about mean in terms of moment about any point
	28-Jan-18	<b>Sunday</b>
5	29-Jan-18	Group Discussion
	30-Jan-18	Moment about any point in terms of Moment about mean
	31-Jan-18	<b>Guru Ravidas jayanti</b>

## Lesson Plan

Name of the Assistant/ Associate Professor: Gurpreet Kaur

Class and Section: BCA 4th Sem.

Subject: BCA – 245 COMPUTER-ORIENTED STATISTICAL METHODS

Week	Date	Topics
1	1-Feb-18	Probability Distribution
	2-Feb-18	do
	3-Feb-18	Random Variable - Discrete Random Variable
	4-Feb-18	<b>Sunday</b>
2	5-Feb-18	do
	6-Feb-18	Random Variable - Continuous Random variable
	7-Feb-18	do
	8-Feb-18	Probability Distribution of a Random Variable
	9-Feb-18	do
	10-Feb-18	<b>Maharshi Dayanand Saraswati Jayanti</b>
	11-Feb-18	<b>Sunday</b>
3	12-Feb-18	Sessional Test
	13-Feb-18	<b>Maha Shivratri</b>
	14-Feb-18	Mathematical Expectation
	15-Feb-18	do
	16-Feb-18	do
	17-Feb-18	Types of Probability Distribution, Binomial Probability Distribution
	18-Feb-18	<b>Sunday</b>
4	19-Feb-18	Poisson, Normal Distribution
	20-Feb-18	Mean and Variance of Binomial, Poisson, and Normal Distribution
	21-Feb-18	do
	22-Feb-18	do
	23-Feb-18	Correlation: Introduction
	24-Feb-18	Types, Properties
	25-Feb-18	<b>Sunday</b>
5	26-Feb-18	Methods of Correlation: Karl Pearson's Coefficient of Correlation
	27-Feb-18	Rank Correlation and Concurrent Deviation method, Probable error
	28-Feb-18	<b>KUK Holidays</b>



## Lesson Plan

Name of the Assistant/ Associate Professor: Gurpreet Kaur

Class and Section: BCA 4th Sem.

Subject: BCA – 245 COMPUTER-ORIENTED STATISTICAL METHODS

Week	Date	Topics
1	1-Mar-18	<b>KUK Holidays/Guru Ravidas Birthday</b>
	2-Mar-18	<b>KUK Holidays/Holi</b>
	3-Mar-18	<b>KUK Holidays</b>
	4-Mar-18	<b>KUK Holidays/Sunday</b>
2	5-Mar-18	Regression : Introduction
	6-Mar-18	Aim of Regression Analysis
	7-Mar-18	Types of Regression Analysis
	8-Mar-18	do
	9-Mar-18	do
	10-Mar-18	Lines of Regression, Properties of Regression
	11-Mar-18	<b>Sunday</b>
3	12-Mar-18	Coefficient and Regression Lines, Comparison with Correlation.
	13-Mar-18	do
	14-Mar-18	Group Discussion
	15-Mar-18	Curve Fitting: Straight Line
	16-Mar-18	do
	17-Mar-18	Parabolic curve
	18-Mar-18	<b>Sunday</b>
4	19-Mar-18	do
	20-Mar-18	Group Discussion
	21-Mar-18	Geometric Curve
	22-Mar-18	do
	23-Mar-18	<b>Shaheedi Diwas of Bhagat Singh, Rajguru &amp; Sukhdev</b>
	24-Mar-18	
	25-Mar-18	<b>Sunday/ Ram Navami</b>
5	26-Mar-18	Sessional Test
	27-Mar-18	Exponential Curve
	28-Mar-18	do
	29-Mar-18	<b>Mahavir Jayanti</b>
	30-Mar-18	Baye's Theorem in Decision Making, Forecasting Techniques

31-Mar-18

do

### Lesson Plan

Name of the Assistant/ Associate Professor: Gurpreet Kaur

Class and Section: BCA 4th Sem.

Subject: BCA – 245 COMPUTER-ORIENTED STATISTICAL METHODS

Week	Date	Topics
1	1-Apr-18	<b>Sunday</b>
	2-Apr-18	Sample Introduction
	3-Apr-18	Sampling: Meaning
	4-Apr-18	Methods of Sampling
	5-Apr-18	Statistical Inference: Test of Hypothesis
	6-Apr-18	Types of hypothesis
	7-Apr-18	Procedure of hypothesis Testing
	8-Apr-18	<b>Sunday</b>
2	9-Apr-18	Type I and Type II error
	10-Apr-18	do
	11-Apr-18	One Tailed and two tailed Test
	12-Apr-18	Types of test of Significance: Test of significance for Attribute
	13-Apr-18	
	14-Apr-18	<b>Dr Ambedkar Jayanti / Vaisakhi</b>
	15-Apr-18	<b>Sunday</b>
3	16-Apr-18	Sessional Test
	17-Apr-18	Test of No. of success and test of proportion of success
	18-Apr-18	<b>Parashurama Jayanti</b>
	19-Apr-18	Test of significance for large samples
	20-Apr-18	Test of significance for single mean and Difference of mean
	21-Apr-18	Test of significance for small samples ( t-test)
	22-Apr-18	<b>Sunday</b>
4	23-Apr-18	do
	24-Apr-18	Test the significance between the mean of a random sample
	25-Apr-18	Test the significance between the mean of two independent samples
	26-Apr-18	Chi square Test, ANOVA : Meaning, Assumptions
	27-Apr-18	One way classification, ANOVA Table for One-Way Classified Data

28-Apr-18

Group discussion

## Lesson Plan

Name of the Assistant/ Associate Professor: Gurpreet Kaur

Class and Section: M.Sc.(CS) 4th Sem.

Subject: MS-15-44(IV) SECURITY IN COMPUTING

Week	Date	Topics
1	1-Jan-18	Computer Security Concepts
	2-Jan-18	Threats
	3-Jan-18	do
	4-Jan-18	Attacks and Assets
	5-Jan-18	<b>Guru Govind Singh Birthday</b>
	6-Jan-18	Class Test
	7-Jan-18	<b>Sunday</b>
2	8-Jan-18	Security Functional Requirements
	9-Jan-18	Security Architecture
	10-Jan-18	Scope of Computer Security
	11-Jan-18	Computer Security Trends
	12-Jan-18	Computer Security Strategies
	13-Jan-18	Group Discussion
	14-Jan-18	<b>Sunday</b>
3	15-Jan-18	Seminar
	16-Jan-18	Program Security
	17-Jan-18	Secure Program
	18-Jan-18	do
	19-Jan-18	Non-malicious Program Error
	20-Jan-18	do
	21-Jan-18	<b>Sunday</b>
4	22-Jan-18	<b>Vasant Panchami</b>
	23-Jan-18	Sessional Test
	24-Jan-18	<b>Sir Chhotu Ram Jayanti</b>
	25-Jan-18	Viruses and other Malicious Code
	26-Jan-18	<b>Republic Day</b>
	27-Jan-18	Targeted Malicious Code
	28-Jan-18	<b>Sunday</b>
5	29-Jan-18	Control against Program Threats.
	30-Jan-18	Group Discussion
	31-Jan-18	<b>Guru Ravidas Jayanti</b>

## Lesson Plan

Name of the Assistant/ Associate Professor: Gurpreet Kaur

Class and Section: M.Sc.(CS) 4th Sem.

Subject: MS-15-44(IV) SECURITY IN COMPUTING

Week	Date	Topics
1	1-Feb-18	Database Security
	2-Feb-18	Database Management System
	3-Feb-18	Relational Databases
	4-Feb-18	<b>Sunday</b>
2	5-Feb-18	Database Access Control
	6-Feb-18	Inference
	7-Feb-18	Security Requirements
	8-Feb-18	Reliability and Integrity
	9-Feb-18	Sensitive Data
	10-Feb-18	<b>Maharshi Dayanand Saraswati Jayanti</b>
	11-Feb-18	<b>Sunday</b>
3	12-Feb-18	Database Encryption
	13-Feb-18	<b>Maha Shivratri</b>
	14-Feb-18	Assignment
	15-Feb-18	Network Security
	16-Feb-18	Threats in Network
	17-Feb-18	Network Security Controls
	18-Feb-18	<b>Sunday</b>
4	19-Feb-18	Firewall- Need for firewall
	20-Feb-18	Characteristics, Types of firewall
	21-Feb-18	Firewall Basing
	22-Feb-18	Intrusion Detection System- Types
	23-Feb-18	Goals of IDS
	24-Feb-18	Sessional Test
	25-Feb-18	<b>Sunday</b>
5	26-Feb-18	IDS strengths and Limitations
	27-Feb-18	Group Discussion
	28-Feb-18	<b>KUK Holidays</b>

## Lesson Plan

Name of the Assistant/ Associate Professor: Gurpreet Kaur

Class and Section: M.Sc.(CS) 4th Sem.

Subject: MS-15-44(IV) SECURITY IN COMPUTING

Week	Date	Topics
1	1-Mar-18	<b>KUK Holidays/Guru Ravidas Birthday</b>
	2-Mar-18	<b>KUK Holidays/Holi</b>
	3-Mar-18	<b>KUK Holidays</b>
	4-Mar-18	<b>KUK Holidays/Sunday</b>
2	5-Mar-18	Internet Security Protocols and Standards
	6-Mar-18	do
	7-Mar-18	Secure Socket Layer (SSL)
	8-Mar-18	Transport Layer Security (TLS)
	9-Mar-18	do
	10-Mar-18	Class Test
	11-Mar-18	<b>Sunday</b>
3	12-Mar-18	IPv4 and IPv6 Security
	13-Mar-18	Kerberos 672
	14-Mar-18	do
	15-Mar-18	X.509 678
	16-Mar-18	Public Key Infrastructure
	17-Mar-18	Group Discussion
	18-Mar-18	<b>Sunday</b>
4	19-Mar-18	Linux Security Model
	20-Mar-18	File System Security
	21-Mar-18	Linux Vulnerability
	22-Mar-18	do
	23-Mar-18	<b>Shaheedi Diwas of Bhagat Singh, Rajguru &amp; Sukhdev</b>
	24-Mar-18	Sessional Test
	25-Mar-18	<b>Sunday/ Ram Navami</b>
5	26-Mar-18	Linux System Hardening, Application Security
	27-Mar-18	Window Security Architecture, Windows Vulnerability
	28-Mar-18	Windows Security Defense, Browser Defenses.
	29-Mar-18	<b>Mahavir Jayanti</b>
	30-Mar-18	Group Discussion

31-Mar-18

Group Discussion

**Lesson Plan**Name of the Assistant/ Associate Professor: **Gurpreet Kaur**Class and Section: **M.Sc.(CS) 4th Sem.**Subject: **MS-15-44(IV) SECURITY IN COMPUTING**

Week	Date	Topics
1	1-Apr-18	<b>Sunday</b>
	2-Apr-18	Physical Security Threats
	3-Apr-18	Physical Security Prevention and Mitigation Measures
	4-Apr-18	do
	5-Apr-18	Recovery form Physical Security Breaches
	6-Apr-18	Security Auditing Architecture
	7-Apr-18	do
	8-Apr-18	<b>Sunday</b>
2	9-Apr-18	Security Audit Trail, Security Risk assessment
	10-Apr-18	do
	11-Apr-18	Security Controls or Safeguard
	12-Apr-18	IT Security Plan
	13-Apr-18	Group Discussion
	14-Apr-18	<b>Dr Ambedkar Jayanti / Vaisakhi</b>
	15-Apr-18	<b>Sunday</b>
3	16-Apr-18	Sessional Test
	17-Apr-18	Review about Sessional Test
	18-Apr-18	<b>Parashurama Jayanti</b>
	19-Apr-18	Cybercrime and Computer Crime
	20-Apr-18	do
	21-Apr-18	Intellectual Property
	22-Apr-18	<b>Sunday</b>
4	23-Apr-18	do
	24-Apr-18	Privacy
	25-Apr-18	do
	26-Apr-18	Ethical Issues
	27-Apr-18	do





## Lesson Plan

Name of the Assistant/ Associate Professor: Gurpreet Kaur

Class and Section: M.Sc.(CS) 2th Sem.

Subject: MS-15-23 THEORY OF COMPUTATION

Week	Date	Topics
1	1-Jan-18	Computability and Non-computability
	2-Jan-18	Examples of non-computable problems
	3-Jan-18	do
	4-Jan-18	Russel's paradox, Finite State System
	5-Jan-18	<b>Guru Govind Singh Birthday</b>
	6-Jan-18	Extended Transition Function
	7-Jan-18	<b>Sunday</b>
2	8-Jan-18	Designing of DFA and NDFA
	9-Jan-18	do
	10-Jan-18	do
	11-Jan-18	Finite Automata with E-Transitions
	12-Jan-18	do
	13-Jan-18	Equivalence of DFA and NFA with proof
	14-Jan-18	<b>Sunday</b>
3	15-Jan-18	do
	16-Jan-18	Regular Expression, Laws of Regular Expressions
	17-Jan-18	Kleene's Theorem 1 and 2
	18-Jan-18	Properties and Limitations of FSM
	19-Jan-18	Group Dicussion
	20-Jan-18	FSM with Output: Moore and Mealy Machines
	21-Jan-18	<b>Sunday</b>
4	22-Jan-18	<b>Vasant Panchami</b>
	23-Jan-18	Sessional test
	24-Jan-18	<b>Sir Chhotu Ram Jayanti</b>
	25-Jan-18	Arden's Theorem with proof, Closure Properties of Regular Sets
	26-Jan-18	<b>Republic Day</b>
	27-Jan-18	Application of Pumping Lemma
	28-Jan-18	<b>Sunday</b>
5	29-Jan-18	Myhill-Nerode Theorem
	30-Jan-18	Minimization of FA
	31-Jan-18	<b>Guru Ravidas jayanti</b>

## Lesson Plan

Name of the Assistant/ Associate Professor: Gurpreet Kaur

Class and Section: M.Sc.(CS) 2th Sem.

Subject: MS-15-23 THEORY OF COMPUTATION

Week	Date	Topics
1	1-Feb-18	Grammar: Definition
	2-Feb-18	Chomsky Classification of Grammars
	3-Feb-18	do
	4-Feb-18	<b>Sunday</b>
2	5-Feb-18	Construction of Context Free Grammar
	6-Feb-18	do
	7-Feb-18	Derivation, Parse Trees
	8-Feb-18	Ambiguity
	9-Feb-18	Removal of Ambiguity
	10-Feb-18	<b>Maharshi Dayanand Saraswati Jayanti</b>
	11-Feb-18	<b>Sunday</b>
3	12-Feb-18	Sessional Test
	13-Feb-18	<b>Maha Shivratri</b>
	14-Feb-18	Simplification of Context Free Grammar
	15-Feb-18	CNF and GNF
	16-Feb-18	do
	17-Feb-18	Closure properties of CFL
	18-Feb-18	<b>Sunday</b>
4	19-Feb-18	Pumping Lemma for CFL
	20-Feb-18	Pushdown Automaton: Introduction, Types of PDA
	21-Feb-18	Designing of PDA's
	22-Feb-18	Conversion from PDA to CFG and vice-versa, Applications
	23-Feb-18	Parsing: Early's, Cook-Kasami-Young
	24-Feb-18	Tomito's, top-down and bottom-up methods
	25-Feb-18	<b>Sunday</b>
5	26-Feb-18	do
	27-Feb-18	Group Discussion
	28-Feb-18	<b>KUK Holidays</b>

## Lesson Plan

Name of the Assistant/ Associate Professor: Gurpreet Kaur

Class and Section: M.Sc.(CS) 2th Sem.

Subject: MS-15-23 THEORY OF COMPUTATION

Week	Date	Topics
1	1-Mar-18	<b>KUK Holidays/Guru Ravidas Birthday</b>
	2-Mar-18	<b>KUK Holidays/Holi</b>
	3-Mar-18	<b>KUK Holidays</b>
	4-Mar-18	<b>KUK Holidays/Sunday</b>
2	5-Mar-18	Linear Bounded Automata (LBA), Turing machines
	6-Mar-18	Variants of TMs, Restricted TMs
	7-Mar-18	do
	8-Mar-18	TMs and Computers
	9-Mar-18	do
	10-Mar-18	Recursive and recursively- enumerable languages and Properties
	11-Mar-18	<b>Sunday</b>
3	12-Mar-18	do
	13-Mar-18	Decidability: Post's correspondence problem
	14-Mar-18	Rice's theorem, decidability of membership
	15-Mar-18	do
	16-Mar-18	emptiness and equivalence problems of languages
	17-Mar-18	Random Access Machines
	18-Mar-18	<b>Sunday</b>
4	19-Mar-18	Decidable languages, decidable problems
	20-Mar-18	do
	21-Mar-18	The halting problem, Diagonalization method
	22-Mar-18	do
	23-Mar-18	<b>Shaheedi Diwas of Bhagat Singh, Rajguru &amp; Sukhdev</b>
	24-Mar-18	Sessional Test
	25-Mar-18	<b>Sunday/ Ram Navami</b>
5	26-Mar-18	Undecidable problems for Regular expressions
	27-Mar-18	do
	28-Mar-18	Group Discussion
	29-Mar-18	<b>Mahavir Jayanti</b>
	30-Mar-18	Turing machines and other undecidable problems

**Lesson Plan**Name of the Assistant/ Associate Professor: **Gurpreet Kaur**Class and Section: **M.Sc.(CS) 2th Sem.**Subject: **MS-15-23 THEORY OF COMPUTATION**

Week	Date	Topics
1	1-Apr-18	<b>Sunday</b>
	2-Apr-18	Reducibility: The Set NP and Polynomial Verifiability
	3-Apr-18	do
	4-Apr-18	Polynomial-Time Reductions and NP-Completeness
	5-Apr-18	do
	6-Apr-18	The Cook-Levin Theorem
	7-Apr-18	do
	8-Apr-18	<b>Sunday</b>
2	9-Apr-18	Some Other NP-Complete Problems
	10-Apr-18	Reduction
	11-Apr-18	Mapping reducibility
	12-Apr-18	do
	13-Apr-18	Group Discussion
	14-Apr-18	<b>Dr Ambedkar Jayanti / Vaisakhi</b>
	15-Apr-18	<b>Sunday</b>
3	16-Apr-18	Sessional Test
	17-Apr-18	Computational Complexity
	18-Apr-18	<b>Parashurama Jayanti</b>
	19-Apr-18	Primitive recursive functions
	20-Apr-18	Computable functions
	21-Apr-18	do
	22-Apr-18	<b>Sunday</b>
4	23-Apr-18	Examples, Recursion theorem
	24-Apr-18	Group Discussion
	25-Apr-18	Tractable and Intractable problems
	26-Apr-18	do
	27-Apr-18	Theory of Optimization

28-Apr-18

do











## Lesson Plan

Name of the Assistant/ Associate Professor.....Shipra Goel.....

Class and Section:.....M.S.C Computer Science.....

Subject:.....Java Programming(Lab).....

Week	Date	Topics
1	1-Jan-18	start java program and save and how to run a program
	2-Jan-18	Do
	3-Jan-18	Basic simple Program
	4-Jan-18	program of print data
	5-Jan-18	<b>Guru Govind Singh Birthday</b>
	6-Jan-18	program of reading data through keyboard
	7-Jan-18	<b>Sunday</b>
2	8-Jan-18	Do
	9-Jan-18	Program of declaring variables and costants
	10-Jan-18	Program of declaring comments and dta types
	11-Jan-18	Do
	12-Jan-18	programs of Operators and Expressions
	13-Jan-18	Do
	14-Jan-18	<b>Sunday</b>
3	15-Jan-18	Programs of Decision Making(if,else,nestedif)
	16-Jan-18	Do
	17-Jan-18	Programs of Decision Making(else if ladder,switch)
	18-Jan-18	Do
	19-Jan-18	Programs of looping(for,do,while)
	20-Jan-18	Do
	21-Jan-18	<b>Sunday</b>
4	22-Jan-18	<b>Vasant Panchami</b>
	23-Jan-18	practice of programs
	24-Jan-18	<b>Sir Chhotu Ram Jayanti</b>
	25-Jan-18	programs of break continue statement
	26-Jan-18	<b>Republic Day</b>
	27-Jan-18	programs of return statement
	28-Jan-18	<b>Sunday</b>
5	29-Jan-18	Do
	30-Jan-18	Program of defining a class, adding variables and methods
	31-Jan-18	<b>Guru Ravidas jayanti</b>

## Lesson Plan

Name of the Assistant/ Associate Professor.....Shipra Goel.....

Class and Section:.....M.S.C Computer Science.....

Subject: Java Programming(Lab)

Week	Date	Topics
1	1-Feb-18	program of defining objects
	2-Feb-18	DO
	3-Feb-18	programs of constructors
	4-Feb-18	<b>Sunday</b>
2	5-Feb-18	programs of types of constructors
	6-Feb-18	Do
	7-Feb-18	Progrms of One dimensional array
	8-Feb-18	Do
	9-Feb-18	Progrms of two dimensional array
	10-Feb-18	<b>Maharshi Dayanand Saraswati Jayanti</b>
	11-Feb-18	<b>Sunday</b>
3	12-Feb-18	Do
	13-Feb-18	<b>Maha Shivratri</b>
	14-Feb-18	programs of strings and its methods
	15-Feb-18	Do
	16-Feb-18	Do
	17-Feb-18	Programs of overloading and overriding
	18-Feb-18	<b>Sunday</b>
4	19-Feb-18	DO
	20-Feb-18	Assignments of programs
	21-Feb-18	programs of defining packages
	22-Feb-18	Do
	23-Feb-18	Programs of creating own packages
	24-Feb-18	Do
	25-Feb-18	<b>Sunday</b>
5	26-Feb-18	Programs of interfaces
	27-Feb-18	Do
	28-Feb-18	<b>KUK Holidays</b>

## Lesson Plan

Name of the Assistant/ Associate Professor...Shipra Goel.....

Class and Section:.....M.S.C Computer Science.....

Subject:.....Java Programming(Lab).....

Week	Date	Topics
1	1-Mar-18	<b>KUK Holidays/Guru Ravidas Birthday</b>
	2-Mar-18	<b>KUK Holidays/Holi</b>
	3-Mar-18	<b>KUK Holidays</b>
	4-Mar-18	<b>KUK Holidays/Sunday</b>
2	5-Mar-18	programs of try throw and catch
	6-Mar-18	Do
	7-Mar-18	programs of Creatind own exception
	8-Mar-18	Do
	9-Mar-18	Programs of thread classes(Multithreading)
	10-Mar-18	DO
	11-Mar-18	<b>Sunday</b>
3	12-Mar-18	Programs of Runnable interfaces(Multithreading)
	13-Mar-18	Assignment of programs
	14-Mar-18	Program of Thread priorities
	15-Mar-18	Program of synchronization
	16-Mar-18	Program of suspending, resuming and stopping threads
	17-Mar-18	Do
	18-Mar-18	<b>Sunday</b>
4	19-Mar-18	Program of inter thread Communication
	20-Mar-18	Do
	21-Mar-18	Program of String Buffer classes
	22-Mar-18	Programs of Wrapper classes
	23-Mar-18	<b>Shaheedi Diwas of Bhagat Singh, Rajguru &amp; Sukhdev</b>
	24-Mar-18	Programs of super Keyword
	25-Mar-18	<b>Sunday/ Ram Navami</b>
5	26-Mar-18	Practice of programs
	27-Mar-18	DO
	28-Mar-18	programs of abstract classes
	29-Mar-18	<b>Mahavir Jayanti</b>
	30-Mar-18	Assignment of programs

**Lesson Plan**

Name of the Assistant/ Associate Professor.....Shipra Goel.....

Class and Section:.....M.S.C Computer Science.....

Subject:.....Java Programming(Lab).....

Week	Date	Topics
1	1-Apr-18	<b>Sunday</b>
	2-Apr-18	Programs of input output streams
	3-Apr-18	Programs of Reading and writing from console
	4-Apr-18	Programs of Reading and writing from Files
	5-Apr-18	programs of Character Stream Classes
	6-Apr-18	programs of Byte Stream Classes
	7-Apr-18	Programs of predefined streams
	8-Apr-18	<b>Sunday</b>
2	9-Apr-18	Do
	10-Apr-18	Programs of Event Classes
	11-Apr-18	Programs of Event Listener Interfaces
	12-Apr-18	Programs of Adapter Classes
	13-Apr-18	Programs of Inner Classes
	14-Apr-18	Programs of Graphics
	15-Apr-18	Do
3	16-Apr-18	programs of Working with windows
	17-Apr-18	programs of working with text
	18-Apr-18	<b>Parashurama Jayanti</b>
	19-Apr-18	Programs of AWT controls
	20-Apr-18	Do
	21-Apr-18	programs of Layout managers
	22-Apr-18	<b>Sunday</b>
4	23-Apr-18	Program of menu
	24-Apr-18	Programs of image animation audio and video
	25-Apr-18	Do
	26-Apr-18	Programs of applets and Beans and swings
	27-Apr-18	Do

28-Apr-18

DO

## Lesson Plan

Name of the Assistant/ Associate Professor.....Shipra goel.....

Class and Section:.....BCA 4th sem.....

Subject:.....BCA – 242 Advanced PROGRAMMING USING C++.....

Week	Date	Topics
1	1-Jan-18	Polymorphism Introduction
	2-Jan-18	Dynamic Polymorphism:
	3-Jan-18	Do
	4-Jan-18	practical
	5-Jan-18	<b>Guru Govind Singh Birthday</b>
	6-Jan-18	Problems and Discussions
	7-Jan-18	<b>Sunday</b>
2	8-Jan-18	Function Overriding
	9-Jan-18	practical
	10-Jan-18	Virtual Function
	11-Jan-18	Assignment
	12-Jan-18	need of Virtual Function
	13-Jan-18	DO
	14-Jan-18	<b>Sunday</b>
3	15-Jan-18	Pure Virtual Function
	16-Jan-18	practical
	17-Jan-18	revision
	18-Jan-18	Abstract Class
	19-Jan-18	Abstract Function
	20-Jan-18	Do
	21-Jan-18	<b>Sunday</b>
4	22-Jan-18	<b>Vasant Panchami</b>
	23-Jan-18	Destructor
	24-Jan-18	<b>Sir Chhotu Ram Jayanti</b>
	25-Jan-18	Virtual Derivation
	26-Jan-18	<b>Republic Day</b>
	27-Jan-18	practical
	28-Jan-18	<b>Sunday</b>
5	29-Jan-18	Sessional Test
	30-Jan-18	Revision and Discussion
	31-Jan-18	<b>Guru Ravidas jayanti</b>

## Lesson Plan

Name of the Assistant/ Associate Professor...Shipra goel.....

Class and Section:...BCA 4th sem.....

Subject: BCA – 242 Advanced PROGRAMMING USING C++

Week	Date	Topics
1	1-Feb-18	Type Conversion
	2-Feb-18	Basic Type Conversion
	3-Feb-18	Do
	4-Feb-18	<b>Sunday</b>
2	5-Feb-18	Conversion between objects and basic types
	6-Feb-18	Do
	7-Feb-18	practical
	8-Feb-18	Revision
	9-Feb-18	Assignment
	10-Feb-18	<b>Maharshi Dayanand Saraswati Jayanti</b>
	11-Feb-18	<b>Sunday</b>
3	12-Feb-18	Conversion between objects of different classes
	13-Feb-18	<b>Maha Shivratri</b>
	14-Feb-18	Do
	15-Feb-18	Program Discussion
	16-Feb-18	Revision
	17-Feb-18	Inheritance
	18-Feb-18	<b>Sunday</b>
4	19-Feb-18	Rules of Derivations
	20-Feb-18	practical
	21-Feb-18	Public Derivations
	22-Feb-18	Program and Discussion
	23-Feb-18	Private derivation
	24-Feb-18	practical
	25-Feb-18	<b>Sunday</b>
5	26-Feb-18	Protected Derivation Program and Discussion
	27-Feb-18	Sessional Test
	28-Feb-18	<b>KUK Holidays</b>



## Lesson Plan

Name of the Assistant/ Associate Professor...Shipra goel.....

Class and Section:...BCA 4th sem.....

Subject:...BCA – 242 Advanced PROGRAMMING USING C++.....

Week	Date	Topics
1	1-Mar-18	<b>KUK Holidays/Guru Ravidas Birthday</b>
	2-Mar-18	<b>KUK Holidays/Holi</b>
	3-Mar-18	<b>KUK Holidays</b>
	4-Mar-18	<b>KUK Holidays/Sunday</b>
2	5-Mar-18	Different Forms of Inheritance – Single
	6-Mar-18	Program Of Single Inheritance
	7-Mar-18	Multiple Inheritance
	8-Mar-18	Program Of Multiple Inheritance
	9-Mar-18	Multilevel Inheritance
	10-Mar-18	Program Of Multilevel Inheritance
	11-Mar-18	<b>Sunday</b>
3	12-Mar-18	Hierarchical inheritance
	13-Mar-18	Program Of Hierarchical Inheritance
	14-Mar-18	Multipath Inheritance
	15-Mar-18	Programs and Discussions
	16-Mar-18	Roles of Constructors in Inheritance
	17-Mar-18	practical
	18-Mar-18	<b>Sunday</b>
4	19-Mar-18	Roles of Destuctors in Inheritance
	20-Mar-18	Program and Discussion
	21-Mar-18	Assignment
	22-Mar-18	Genericity in C++
	23-Mar-18	<b>Shaheedi Diwas of Bhagat Singh, Rajguru &amp; Sukhdev</b>
	24-Mar-18	Templates in C++
	25-Mar-18	<b>Sunday/ Ram Navami</b>
5	26-Mar-18	Function templates.
	27-Mar-18	Programs and Discussions
	28-Mar-18	Sessional Test
	29-Mar-18	<b>Mahavir Jayanti</b>
	30-Mar-18	practical

**Lesson Plan**

Name of the Assistant/ Associate Professor.....Shipra goel.....

Class and Section:.....BCA 4th sem.....

Subject: BCA – 242 Advanced PROGRAMMING USING C++.....

Week	Date	Topics
1	1-Apr-18	<b>Sunday</b>
	2-Apr-18	Class templates in C++
	3-Apr-18	Programs and Discussion
	4-Apr-18	Exception Handling in C++
	5-Apr-18	practical
	6-Apr-18	try, throw and catch
	7-Apr-18	Programs and Discussion
	8-Apr-18	<b>Sunday</b>
2	9-Apr-18	Revision and Assignment
	10-Apr-18	Files I/O in C++
	11-Apr-18	practical
	12-Apr-18	Class Hierarchy for Files I/O
	13-Apr-18	Text Files
	14-Apr-18	<b>Dr Ambedkar Jayanti / Vaisakhi</b>
	15-Apr-18	<b>Sunday</b>
3	16-Apr-18	Programs and Discussion
	17-Apr-18	Binary Files
	18-Apr-18	<b>Parashurama Jayanti</b>
	19-Apr-18	Programs and Discussion
	20-Apr-18	Opening and Closing Files
	21-Apr-18	practical
	22-Apr-18	<b>Sunday</b>
4	23-Apr-18	File Pointers
	24-Apr-18	Programs and Discussion
	25-Apr-18	Operation on files.
	26-Apr-18	practical
	27-Apr-18	Sessional Test

28-Apr-18

Revision and Assignment

## Lesson Plan

Name of the Assistant/ Associate Professor.....Shipra Goel.....

Class and Section:.....BCA 6th Sem.....

Subject:.....BCA-366: Programming in Core Java.....

Week	Date	Topics
1	1-Jan-18	Basic Principles of Object Oriented Programming
	2-Jan-18	Introduction to Java
	3-Jan-18	History and Features of Java
	4-Jan-18	Java Virtual Machine (JVM), Java's Magic Bytecode
	5-Jan-18	<b>Guru Govind Singh Birthday</b>
	6-Jan-18	Difference b/w c++ and java
	7-Jan-18	<b>Sunday</b>
2	8-Jan-18	The Java Runtime Environment
	9-Jan-18	Basic Language Elements: Lexical Tokens, Identifiers
	10-Jan-18	Keywords, Literals, Comments
	11-Jan-18	Primitive Data types
	12-Jan-18	Problems and Discussions
	13-Jan-18	Operators, Assignments
	14-Jan-18	<b>Sunday</b>
3	15-Jan-18	Input/output in Java
	16-Jan-18	Basics, I/O Classes
	17-Jan-18	Problems and Discussions
	18-Jan-18	Reading Console Input
	19-Jan-18	Decision control structure
	20-Jan-18	Problems and Discussions
	21-Jan-18	<b>Sunday</b>
4	22-Jan-18	<b>Vasant Panchami</b>
	23-Jan-18	Assignment
	24-Jan-18	<b>Sir Chhotu Ram Jayanti</b>
	25-Jan-18	Loop Control Statements
	26-Jan-18	<b>Republic Day</b>
	27-Jan-18	Problems and Discussions
	28-Jan-18	<b>Sunday</b>
5	29-Jan-18	Revision and Discussion
	30-Jan-18	Sessional Test
	31-Jan-18	<b>Guru Ravidas jayanti</b>

## Lesson Plan

Name of the Assistant/ Associate Professor.....Shipra Goel.....

Class and Section:.....BCA 6th Sem.....

Subject:.....BCA-366: Programming in Core Java

Week	Date	Topics
1	1-Feb-18	Class and Object in Java
	2-Feb-18	Defining Class in Java, Creating Objects of a Class
	3-Feb-18	Defining Methods
	4-Feb-18	<b>Sunday</b>
2	5-Feb-18	Problems and Discussions
	6-Feb-18	Argument Passing Mechanism
	7-Feb-18	Using Class and Objects
	8-Feb-18	Constructors
	9-Feb-18	Nested Class
	10-Feb-18	<b>Maharshi Dayanand Saraswati Jayanti</b>
	11-Feb-18	<b>Sunday</b>
3	12-Feb-18	Inner Class
	13-Feb-18	<b>Maha Shivratri</b>
	14-Feb-18	Problems and Discussions
	15-Feb-18	Abstract Class
	16-Feb-18	Dealing with Static Members
	17-Feb-18	Assignment
	18-Feb-18	<b>Sunday</b>
4	19-Feb-18	Defining an Array, Initializing & Accessing Array
	20-Feb-18	Multi –Dimensional Array
	21-Feb-18	Defining String
	22-Feb-18	Operation on Array and String
	23-Feb-18	Creating Strings using String Class
	24-Feb-18	Creating Strings using StringBuffer Class
	25-Feb-18	<b>Sunday</b>
5	26-Feb-18	Polymorphism in Java:Basic Concept, Types
	27-Feb-18	Overriding vs. Overloading Implementation
	28-Feb-18	<b>KUK Holidays</b>

## Lesson Plan

Name of the Assistant/ Associate Professor.....Shipra Goel.....

Class and Section:.....BCA 6th Sem.....

Subject:.....BCA-366: Programming in Core Java.....

Week	Date	Topics
1	1-Mar-18	<b>KUK Holidays/Guru Ravidas Birthday</b>
	2-Mar-18	<b>KUK Holidays/Holi</b>
	3-Mar-18	<b>KUK Holidays</b>
	4-Mar-18	<b>KUK Holidays/Sunday</b>
2	5-Mar-18	Extending Classes and Inheritance in Java
	6-Mar-18	Benefits of Inheritance
	7-Mar-18	Types of Inheritance in Java
	8-Mar-18	Access Attributes, Inheriting Data Members and Methods
	9-Mar-18	Probles and Discussions
	10-Mar-18	Role of Constructors in Inheritance
	11-Mar-18	<b>Sunday</b>
3	12-Mar-18	Use of "super"
	13-Mar-18	Probles and Discussions
	14-Mar-18	Basic Concepts of Package
	15-Mar-18	Interface
	16-Mar-18	Organizing Classes and Interfaces in Packages
	17-Mar-18	Assignments
	18-Mar-18	<b>Sunday</b>
4	19-Mar-18	Defining Package,
	20-Mar-18	Adding Classes from a Package to Your Program
	21-Mar-18	CLASSPATH Setting for Packages
	22-Mar-18	Import Package
	23-Mar-18	<b>Shaheedi Diwas of Bhagat Singh, Rajguru &amp; Sukhdev</b>
	24-Mar-18	Probles and Discussions
	25-Mar-18	<b>Sunday/ Ram Navami</b>
5	26-Mar-18	Naming Convention For Packages
	27-Mar-18	Access Protection in Packages
	28-Mar-18	Standard Packages
	29-Mar-18	<b>Mahavir Jayanti</b>
	30-Mar-18	<b>Revision and discussion</b>

**Lesson Plan**

Name of the Assistant/ Associate Professor.....Shipra Goel.....

Class and Section:.....BCA 6th Sem.....

Subject:.....BCA-366: Programming in Core Java.....

Week	Date	Topics
1	1-Apr-18	<b>Sunday</b>
	2-Apr-18	Exception Handling in Java
	3-Apr-18	The Idea behind Exception
	4-Apr-18	Types of Exception
	5-Apr-18	Use of try, catch, finally
	6-Apr-18	throw, throws in Exception Handling
	7-Apr-18	Probles and Discussions
	8-Apr-18	<b>In-built and User Defined Exceptions</b>
2	9-Apr-18	Checked and Un-Checked Exceptions
	10-Apr-18	Catching more than one Exception
	11-Apr-18	Applet in Java: Applet Basics, Applet Architecture
	12-Apr-18	Applet Life Cycle
	13-Apr-18	Applet Tag
	14-Apr-18	<b>Dr Ambedkar Jayanti / Vaisakhi</b>
	15-Apr-18	<b>Sunday</b>
3	16-Apr-18	Parameters to Applet
	17-Apr-18	Embedding Applets in Web page
	18-Apr-18	<b>Parashurama Jayanti</b>
	19-Apr-18	Creating Simple Applets and Assignment
	20-Apr-18	Probles and Discussions
	21-Apr-18	GUI Programming: Designing Graphical User Interfaces in Java
	22-Apr-18	<b>Sunday</b>
4	23-Apr-18	Components
	24-Apr-18	Containers, Using Containers
	25-Apr-18	Layout Managers
	26-Apr-18	AWT Components and Classes
	27-Apr-18	AWT Controls

28-Apr-18

Sessional Test



## Lesson Plan

Name of the Assistant/ Associate Professor.....Shipra Goel.....

Class and Section:.....M.S.C Computer Science.....

Subject:.....Java Programming.....

Week	Date	Topics
1	1-Jan-18	Introduction to Java
	2-Jan-18	Importance and features of Java
	3-Jan-18	Java virtual machine, Byte code, JDK
	4-Jan-18	Keywords, constants, variables
	5-Jan-18	<b>Guru Govind Singh Birthday</b>
	6-Jan-18	Data Types
	7-Jan-18	<b>Sunday</b>
2	8-Jan-18	Operators and Expressions
	9-Jan-18	Decision Making
	10-Jan-18	Branching and Looping
	11-Jan-18	jump statements: break, continue, return
	12-Jan-18	Introducing classes, objects and methods
	13-Jan-18	defining a class, adding variables and methods
	14-Jan-18	<b>Sunday</b>
3	15-Jan-18	creating objects
	16-Jan-18	constructors
	17-Jan-18	class inheritance
	18-Jan-18	Arrays Introduction
	19-Jan-18	String
	20-Jan-18	Creating an array, one dimensional arrays
	21-Jan-18	<b>Sunday</b>
4	22-Jan-18	<b>Vasant Panchami</b>
	23-Jan-18	Two dimensional arrays
	24-Jan-18	<b>Sir Chhotu Ram Jayanti</b>
	25-Jan-18	Problems On Array and Strings
	26-Jan-18	<b>Republic Day</b>
	27-Jan-18	string array and methods
	28-Jan-18	<b>Sunday</b>
5	29-Jan-18	overloading and overriding
	30-Jan-18	Sessional Test
	31-Jan-18	<b>Guru Ravidas jayanti</b>

## Lesson Plan

Name of the Assistant/ Associate Professor      Shipra Goel.....

Class and Section:                      M.S.C Computer Science.....

Subject: Java Programming

Week	Date	Topics
1	1-Feb-18	Packages
	2-Feb-18	Creating Own Packages
	3-Feb-18	problems discussions
	4-Feb-18	<b>Sunday</b>
2	5-Feb-18	interfaces
	6-Feb-18	Exception Handling: Fundamentals
	7-Feb-18	exception types
	8-Feb-18	uncaught exceptions
	9-Feb-18	throw exception
	10-Feb-18	<b>Maharshi Dayanand Saraswati Jayanti</b>
	11-Feb-18	<b>Sunday</b>
3	12-Feb-18	built in exception,
	13-Feb-18	<b>Maha Shivratri</b>
	14-Feb-18	creating your own exceptions
	15-Feb-18	Assignment ,problems discussions
	16-Feb-18	Multithreaded Programming: Fundamentals
	17-Feb-18	Java thread model
	18-Feb-18	<b>Sunday</b>
4	19-Feb-18	thread classes
	20-Feb-18	Runnable interface
	21-Feb-18	Thread priorities
	22-Feb-18	synchronization
	23-Feb-18	suspending, resuming and stopping threads
	24-Feb-18	messaging,
	25-Feb-18	<b>Sunday</b>
5	26-Feb-18	inter thread Communication
	27-Feb-18	sessional test
	28-Feb-18	<b>KUK Holidays</b>

## Lesson Plan

Name of the Assistant/ Associate Professor.....ShipraGoel.....

Class and Section:..M.S.C Computer Science .....

Subject:.....JavaProgramming.....

Week	Date	Topics
1	1-Mar-18	<b>KUK Holidays/Guru Ravidas Birthday</b>
	2-Mar-18	<b>KUK Holidays/Holi</b>
	3-Mar-18	<b>KUK Holidays</b>
	4-Mar-18	<b>KUK Holidays/Sunday</b>
2	5-Mar-18	I/O Streams
	6-Mar-18	String and String Buffer classes
	7-Mar-18	Problems and Discussions
	8-Mar-18	Wrapper classes
	9-Mar-18	Basics types
	10-Mar-18	use of super
	11-Mar-18	<b>Sunday</b>
3	12-Mar-18	Multilevel hierarchy
	13-Mar-18	abstract classes
	14-Mar-18	final classes
	15-Mar-18	Input/Output Programming
	16-Mar-18	Basics and Streams
	17-Mar-18	Byte Stream, Classes
	18-Mar-18	<b>Sunday</b>
4	19-Mar-18	Character Stream Classes
	20-Mar-18	Assignment
	21-Mar-18	predefined streams
	22-Mar-18	Reading and writing from console
	23-Mar-18	<b>Shaheedi Diwas of Bhagat Singh, Rajguru &amp; Sukhdev</b>
	24-Mar-18	Reading and writing from files
	25-Mar-18	<b>Sunday/ Ram Navami</b>
5	26-Mar-18	Problems and Discussions
	27-Mar-18	Sessional Test
	28-Mar-18	Event Handling: Different Mechanism
	29-Mar-18	<b>Mahavir Jayanti</b>
	30-Mar-18	Delegation Event Model

**Lesson Plan**

Name of the Assistant/ Associate Professor ShipraGoel.....

Class and Section:.....M.S.C Computer Science.....

Subject:JavaProgramming.....

Week	Date	Topics
1	1-Apr-18	<b>Sunday</b>
	2-Apr-18	Event Classes
	3-Apr-18	Event Listener Interfaces
	4-Apr-18	Adapter Classes
	5-Apr-18	Inner Classes
	6-Apr-18	Graphics
	7-Apr-18	Working with windows
	8-Apr-18	<b>Sunday</b>
2	9-Apr-18	Working with Text
	10-Apr-18	Assingment,Problems and Discussions
	11-Apr-18	AWT controls
	12-Apr-18	Layout managers
	13-Apr-18	Do
	14-Apr-18	<b>Dr Ambedkar Jayanti / Vaisakhi</b>
	15-Apr-18	<b>Sunday</b>
3	16-Apr-18	menus
	17-Apr-18	handling Image
	18-Apr-18	<b>Parashurama Jayanti</b>
	19-Apr-18	Animation
	20-Apr-18	sound
	21-Apr-18	video
	22-Apr-18	<b>Sunday</b>
4	23-Apr-18	Assingment,Problems and Discussions
	24-Apr-18	Java Applet
	25-Apr-18	Beans: Introduction to Java Beans
	26-Apr-18	Types of Beans and Phases
	27-Apr-18	Swings

28-Apr-18

Sessional Test

### Lesson Plan

Name of the Assistant/ Associate Professor - **Isha Sethi (Assit.Prof.)**

	Class	BCA 2nd	Bsc-2nd sem	B.com -4th sem	B.com -2nd
Week	Date/Subject	logical organization of computer	Logical organization of computers	Fundamentals of Database System	IT-E-commerce
1	1-Jan-18	Introduction to sequential logic	Introduction of number system	Introduction of database	concept of data and information
	2-Jan-18	Introduction to combinational logic	Representation of number system	concept of tables	concept of IT
	3-Jan-18	comparision between them	Binary Arthmetic	Concept of views	Impact of IT in Business
	4-Jan-18	revision	do	do	Business data processing
	5-Jan-18	<b>Guru Govind Singh Birthday</b>			
	6-Jan-18	characteristics	Test	concept of SQL	Intra-organisational communication
	7-Jan-18	<b>Sunday</b>			
	8-Jan-18	Introduction to flip flop	Fixed -Point Representation	Basic commands of DDL	Inter-organisational communication

2	9-Jan-18	Clocked RS flip flop	do	DO	Business process out-sourcing
	10-Jan-18	D-Type	Floating -Point Representation'	Practical	Knowledge process outsourcing
	11-Jan-18	J-K flip flop	do	do	do
	12-Jan-18	revision	Revision	do	do
	13-Jan-18	Problem Solving sesssion	Problem Solving sesssion	Basic commands of DML	Test/Sessional
	14-Jan-18	<b>Sunday</b>			
3	15-Jan-18	T-Type	BCD Code	DO	types of IT
	16-Jan-18	Master - Slave flip flop	Error Detection code	DO	TPS
	17-Jan-18	do	do	Practical	do
	18-Jan-18	Revision	do	Practical	MIS
	19-Jan-18	State Table	Error Correction Codes	Basics of DCL	do
	20-Jan-18	do	do	DO	revision

	21-Jan-18	<b>Sunday</b>			
	22-Jan-18	<b>Vasant Panchami</b>			
	23-Jan-18	State Diagram	test	Practical	Test/Sessional
	24-Jan-18	<b>Sir Chhotu Ram Jayanti</b>			
4	25-Jan-18	do	Charracter Representation ASCII	Practical	introductin to internet
	26-Jan-18	<b>Republic Day</b>			
	27-Jan-18	Flip flop excitation tables	do	REVISION	application of internet
	28-Jan-18	<b>Sunday</b>			
	29-Jan-18	do	Revision	Test/Sessional	do
	30-Jan-18	test	Test	Problem Solving sesssion	do
	31-Jan-18	<b>Guru Ravidas jayanti</b>			
5	1-Feb-18	Introduction to sequentional circuits	Character Representation : EBCDIC	Describe command	uses of internet



	2-Feb-18	concept of register	do	Create table	do
	3-Feb-18	Designing of registers	do	Joining table	services of internet
	4-Feb-18	<b>Sunday</b>			
6	5-Feb-18	Serial input serial output	Boolean Theorems	Revision	do
	6-Feb-18	serial input parallel output	do	Break Clause	effects of IT on business
	7-Feb-18	parallel input serial output	Revision of Boolean Algebra and Theorems	Concept materialised view	do
	8-Feb-18	parallel input parallel output	Boolean Functions and Truth Tables	do	do
	9-Feb-18	revision	do	indexs	revision
	10-Feb-18	<b>Maharshi Dayanand Saraswati Jayanti</b>			
	11-Feb-18	<b>Sunday</b>			
	12-Feb-18	test	test	do	Test/Sessional
	13-Feb-18	<b>Maha Shivratri</b>			

7	14-Feb-18	concept of shift resister	Canonical and Standard forms of Boolean function	concept of triggers	introduction to E-COMMERCE
	15-Feb-18	Introduction to counter	do	do	E-commerce frame work
	16-Feb-18	Asynchronous counter	Simplification of Boolean Functions :Venn Diagram	concept of synonms	do
	17-Feb-18	Synchronous counter	do	do	do
	18-Feb-18	<b>Sunday</b>			
8	19-Feb-18	comparision between them	Problem Solving sesssion	concept of functions	Test/Sessional
	20-Feb-18	test	Test	revision	architecture
	21-Feb-18	asynchronous and synchronous binary counter	Karnaugh Maps	Problem Solving sesssion	do
	22-Feb-18	do	do	Test/Sessional	do
	23-Feb-18	Modulo-N Counter	do	concept of procedures	anatomy
	24-Feb-18	revision	Revision	do	do
	25-Feb-18	<b>Sunday</b>			

9	26-Feb-18	Up-down counter	Introduction of basic gate	conncpt of packages	Test/Sessional
	27-Feb-18	test	And ,Or and Not Gate	do	Problem Solving sesssion
	28-Feb-18	<b>KUK Holidays</b>			
	1-Mar-18	<b>KUK Holidays/Guru Ravidas Birthday</b>			
	2-Mar-18	<b>KUK Holidays/Holi</b>			
	3-Mar-18	<b>KUK Holidays</b>			
	4-Mar-18	<b>KUK Holidays/Sunday</b>			
10	5-Mar-18	Introduction to memory	Resvision	Test/Sessional	Test/Sessional
	6-Mar-18	Memory Parameters	test	concept of opeator	E-COMMERCE and WWW
	7-Mar-18	Semiconductor of RAM	Universal Gates -NAND & NOR	create operation	do
	8-Mar-18	Types of RAM	XOR ,XNOR Gates	do	e-commerce application service
	9-Mar-18	ROM concept	do	Practical	practical of basic internet

	10-Mar-18	Types of ROM	revision	do	do
	11-Mar-18	<b>Sunday</b>			
11	12-Mar-18	Test	Introduction to Combinational circuits	create directory	Test/Sessional
	13-Mar-18	Magnetic Disk	Half Adder and Half Subtractor	do	E-COMMERCE model
	14-Mar-18	do	Full Adder and Full Subtractor	discussion	do
	15-Mar-18	Magnetic Tape	revision	Practical	e-commerce and electronic data interchange
	16-Mar-18	do	Encoder	do	concept of EDI
	17-Mar-18	Optical Storage Devices	Decoder	do	components and implimentation of EDI
	18-Mar-18	<b>Sunday</b>			
	19-Mar-18	Test	Revision	concept of library	electronic payment system
	20-Mar-18	Flash Memory	Test	do	do
	21-Mar-18	Input Devices & their Controllers	Multiplexer and Demultiplexer	create library	practical

12	22-Mar-18	do	do	Practical	practical
	23-Mar-18	<b>Shaheedi Diwas of Bhagat Singh, Rajguru &amp; Sukhdev</b>			
	24-Mar-18	do	do	revision	practical
	25-Mar-18	<b>Sunday/ Ram Navami</b>			
13	26-Mar-18	Output Devices	Revision	group discussion	types of electronic payment system
	27-Mar-18	do	Comparators	concept of data base link	do
	28-Mar-18	Problem Solving session	Code Converters	do	do
	29-Mar-18	<b>Mahavir Jayanti</b>			
	30-Mar-18	Revision	Introduction of Sequential logic & characteristics	Problem Solving session	practical
	31-Mar-18	Test	concept of flip flops	Test/Sessional	do
	1-Apr-18	<b>Sunday</b>			
	2-Apr-18	Instuction Design -Machine Instuction	revision	concept of oracle service	security issues

14	3-Apr-18	do	Clocked RS	basic terminology	do
	4-Apr-18	Instruction set selection	D-Type	do	do
	5-Apr-18	do	JK Type	architecture of oracle	Security Solutions
	6-Apr-18	Instruction cycle	Master -Slave Flip-flop	do	do
	7-Apr-18	REVISION	State -Table	revision	revision
	8-Apr-18	<b>Sunday</b>			
15	9-Apr-18	TEST	Revision	Test/Sessional	Test/Sessional
	10-Apr-18	Instructure Format	State -diagram	dbbackground support processes	Internet Security
	11-Apr-18	do	Flip-Flop excitation tables	do	do
	12-Apr-18	Addressing Modes	Shift registers :serial in parallel out.	role of DBA	do
	13-Apr-18	do	parallel in parallel out	do	revision
	14-Apr-18	<b>Dr Ambedkar Jayanti/ Vaisakhi</b>			

	15-Apr-18	<b>Sunday</b>			
16	16-Apr-18	IOP	test	application of oracle in business	overview of mobile commerce
	17-Apr-18	Input /Output Interface	Asynchronous synchronous binary counters	do	do
	18-Apr-18	<b>Parashurama Jayanti</b>			
	19-Apr-18	Interrupt structure	do	Problem Solving session	overview of e-governance
	20-Apr-18	Program Controlled	do	do	do
	21-Apr-18	Interrupt - controlled	Modulo-N- counters	revision	practical
	22-Apr-18	<b>Sunday</b>			
17	23-Apr-18	DMA Transfer	Up-down counters	Test/Sessional	Test/Sessional
	24-Apr-18	Input /Output Channels	do	revision	revision
	25-Apr-18	Revision	revision	revision	revision
	26-Apr-18	Revision	revision	revision	revision

27-Apr-18	Problem Solving sesssion	Problem Solving session	Problem Solving session	Problem Solving session
28-Apr-18	Test/Sessional	Test/Sessional	Test/Sessional	Test/Sessional
29-Apr-18	<b>Sunday</b>			



**Lesson Plan**

Name of the Assistant/ Associate Professor -- **Ms Jaswinder Kaur ( Assistant Professor)**

Subject: **Computer Science**

	Class	Bcom (General) II Sem	Bcom (Vocational) VI Sem	BSc (Computer Science) VI Sem	BCA IV Sem	
Week	Date/Subject	E-Commerce	Advanced Computer Applications	Computer Networks	RDBMS	
1	1-Jan-18	Introduction to Internet	Introduction to Networking	Introduction to Data Communication & Computer Network	Introduction to Relational Model Concepts & Codd's Rule	
	2-Jan-18	Concept of Internet	Funadamentals & Uses of Networking	Uses of Computer Network & Types	Codd's rule for Relational Model	
	3-Jan-18	Applications of Internet	Introduction to LAN/MAN/WAN	Topologies of Computer Network	Introduction to Relational Algebra	
	4-Jan-18	Uses of Internet	Introduction to LAN/MAN/WAN	Difference between differnet Topolgies	Selection & Projection	
	5-Jan-18	<b>Guru Govind Singh Birthday</b>				
	6-Jan-18	Internet Services	Introduction to Topologies	Network Hardware Components	Set operation & Renaming Concept	
	7-Jan-18	<b>Sunday</b>				
2	8-Jan-18	Internet Services	Introduction to Topologies	Network Hardware Components	Set operation & Renaming Concept	
	9-Jan-18	Group discussion	Introduction to Topologies	Network Hardware Components	Join & Division Concept	
	10-Jan-18	Class Test	Transmission Media	Discussion	Join & Division Concept	
	11-Jan-18	Lab Day	Transmission Media	Class Test	Relational Calculus	
	12-Jan-18	Lab Day	Group Discussion	Introduction to Network Software	Tuple Relational Calculus	

	13-Jan-18	Introduction to Information Technology	Class Test	Introduction to Network Software	Tuple Relational Calculus
	14-Jan-18	<b>Sunday</b>			
3	15-Jan-18	IT Applications in Business	Introduction to ISDN	Network Design Issues	Domain Relational Calculus
	16-Jan-18	Concept of Data Information & Information System	Introduction to B-ISDN	Network Design Issues	Domain Relational Calculus
	17-Jan-18	Concept of Data Information & Information System	Introduction to B-ISDN	Protocols & Models	Group Discussion
	18-Jan-18	Effects of IT on Business	TCP/IP Protocol	Protocols & Models	Class Test
	19-Jan-18	Effects of IT on Business	TCP/IP Protocol	Discussion & Oral Test	Assignment I
	20-Jan-18	Group Discussion	Discussion & Oral Test of TCP/IP	Introduction to Connection - Oriented & Connectionless Services	Introduction & Purpose of Functional Dependencies
	21-Jan-18	<b>Sunday</b>			
	22-Jan-18	<b>Vasant Panchami</b>			
	23-Jan-18	Sessional I	OSI Model	Introduction to OSI Model	Sessional I
	24-Jan-18	<b>Sir Chhotu Ram Jayanti</b>			
4	25-Jan-18	Discussion about Browsers	OSI Model/ATM	Introduction to OSI Model	Introduction & Purpose of Functional Dependencies
	26-Jan-18	<b>Republic Day</b>			

	27-Jan-18	Assignment I	Discussion & Oral Test of OSI Model	TCP/IP Protocol	Data Redundancy & Update Anomalies
	28-Jan-18	<b>Sunday</b>			
5	29-Jan-18	Lab Day	Sessional I	Sessional I	Full Functional Dependency
	30-Jan-18	Problem Discussion in Unit I	Assignment I	Assignment I	Transitive Functional Dependency
	31-Jan-18	<b>Guru Ravidas Jayanti</b>			
	1-Feb-18	Types of Information System	Introduction to Internet Services	Introduction to Analog Communication Concept	Characteristics of Functional Dependency
	2-Feb-18	Transaction Processing System	Introduction to Internet Services	Introduction to Digital Communication Concept	Introduction to Normal Forms 1NF & 2NF
	3-Feb-18	Transaction Processing System	Hardware Requirement for Internet	Analog Data & Signals	Normal Forms- 3 NF & BCNF
	4-Feb-18	<b>Sunday</b>			
6	5-Feb-18	Management Information system	Discussion of H/W Requirement for Internet	Digital Data & Signals	Normal Forms Discussion
	6-Feb-18	Management Information system	Software Requirement for Internet	Bandwidth & Data Rate	Class Test of Functional Dependencies
	7-Feb-18	Management Information system	Discussion of S/W Requirement for Internet	Capacity & Baud Rate	Class Test of Normal Forms
	8-Feb-18	Management Information system	Class Test of H/W & S/W Requirement for Internet	Guided Transmission Media	Introduction to SQL Data
	9-Feb-18	Discussion	Introduction to Browsers	Wireless Transmission Media	Data Types
	10-Feb-18	<b>Maharshi Dayanand Saraswati Jayanti</b>			

	11-Feb-18	<b>Sunday</b>			
7	12-Feb-18	Class Test of TPS	Introduction to Internet Explorer	Introduction to Communication Satellites	Sessional II
	13-Feb-18	<b>Maha Shivratri</b>			
	14-Feb-18	Class Test of MIS	Introduction to Mozilla Firefox	Introduction to Switching	SQL Data Types
	15-Feb-18	Introduction to E-Commerce	Introduction to Opera	Introduction to Switching	SQL Operators
	16-Feb-18	Introduction to E-Commerce	Introduction to Google Chrome	Introduction to Multiplexing	SQL Operators
	17-Feb-18	E-Commerce & World Wide Web	Test of Browsers Topic	Introduction to Multiplexing	Constraints in SQL
	18-Feb-18	<b>Sunday</b>			
8	19-Feb-18	E-Commerce Application services	Introduction to Search Engines	Intro to Modems & its Types	Constraints in SQL
	20-Feb-18	E-Commerce Models	Lab Day	Intro to Modems & its Types	Assignment II
	21-Feb-18	E-Commerce Models	Introduction to Webpage	Modulation Techniques	Introduction to SQL Commands
	22-Feb-18	Class Test of E-Commerce Models	Lab Day	Modulation Techniques	DDL Command
	23-Feb-18	Group discussion & Black Board Test	Group Discussion	Modulation Techniques	Lab Day
	24-Feb-18	Assignment II	Black Board Test	Group Discussion & Oral Test	DML Command
	25-Feb-18	<b>Sunday</b>			

9	26-Feb-18	Sessional II	Sessional II	Sessional II	Lab Day
	27-Feb-18	Lab Day	Assignment II	Assignment II	DCL Command & Lab Day
	28-Feb-18	<b>KUK Holidays</b>			
	1-Mar-18	<b>KUK Holidays/Guru Ravidas Birthday</b>			
	2-Mar-18	<b>KUK Holidays/Holi</b>			
	3-Mar-18	<b>KUK Holidays</b>			
	4-Mar-18	<b>KUK Holidays/Sunday</b>			
10	5-Mar-18	Introduction to Electronic Data Interchange	Introduction to Information Technology	Data link layer Design Issues	Lab Test ( Commands)
	6-Mar-18	Benefits of EDI	IT Applications in Business	Error Detection & Correction Methods	Simple Queries Practicals
	7-Mar-18	Components of EDI	IT Applications in Business	Sliding Window Protocols	Nested Queries Practicals
	8-Mar-18	Group Discussion	Introduction to E-Business	One Bit & Go Back N	Tables/ Views
	9-Mar-18	Oral Test of EDI	Introduction to E-Business	Selective Repeat	Indexes
	10-Mar-18	Oral Test of Components of EDI	Introduction to E-Commerce	Media Access Control- ALOHA	Aggregate Functions & Clauses
	11-Mar-18	<b>Sunday</b>			
	12-Mar-18	EDI Implementation	E-Commerce Concept	Introduction to Slotted ALOHA	Class Test

11	13-Mar-18	EDI Implementation	E-Commerce Models	Introduction to CSMA	Introduction to PL/SQL	
	14-Mar-18	EDI Implementation	Class Test of E-Business & E-Commerce	Introduction to Collision free Protocols	PL/SQL Architecture	
	15-Mar-18	Oral Test of EDI Implementation	Introduction to Net Banking	Introduction to LAN technologies-Ethernet	PL/SQL Architecture	
	16-Mar-18	Security Issues in E-Commerce	Introduction to Online Purchasing	Switched Ethernet	Advantages & Basics of PL/SQL	
	17-Mar-18	Security Issues in E-Commerce	Introduction to Online Selling	Fast Ethernet & Giga Bit	PL/SQL Execution Environment	
	18-Mar-18	<b>Sunday</b>				
12	19-Mar-18	Introduction to M-Commerce	Group Discussion about Netbanking & Online Purchasing & Selling	Introduction to Token Ring	PL/SQL Execution Environment	
	20-Mar-18	Introduction to E-Commerce	Assignment III	Introduction to Wireless Lan & Bluetooth	PL/SQL Execution Environment	
	21-Mar-18	Introduction to E-Governance	Introduction to Electronic Payment System	Introduction to Wireless Lan & Bluetooth	Introduction to SQL* Plus	
	22-Mar-18	Introduction to E-Governance	Introduction to Electronic Payment System	Group Discussion & Oral Test	PL/SQL Character Set	
	23-Mar-18	<b>Shaheedi Diwas of Bhagat Singh, Rajguru &amp; Sukhdev</b>				
	24-Mar-18	Assignment III	Sessional III	Sessional III	PL/SQL Character Set	
	25-Mar-18	<b>Sunday/ Ram Navami</b>				
	26-Mar-18	Sessional III	Introduction to E-Governance	Assignment III	Sessional III	

13	27-Mar-18	Lab Day	Introduction to E-Governance	Problem Discussion	PL/SQL Data Types
	28-Mar-18	Lab Day	Test of E-Governance	Routing Algorithm- Flooding	Assignment III
	29-Mar-18	<b>Mahavir Jayanti</b>			
	30-Mar-18	Group Discussion	Lab Day	Shortest path Routing	Control Structure in PL/SQL
	31-Mar-18	Group discussion & Black Board Test	Lab Day	Shortest path Routing	Control Structure in PL/SQL
	1-Apr-18	<b>Republic Day</b>			
14	2-Apr-18	Revision of Internet, Applications & Uses	Revision of Networking & LAN/MAN/WAN	Distance Vector Routing	Cursors in PL/SQL
	3-Apr-18	Test of Internet, Applications & Uses	Test of Networking & LAN/MAN/WAN	Link State Routing	Cursors in PL/SQL
	4-Apr-18	Revision of IT & Business	Revision of Topologies	Hierrarical Routing	Triggers in PL/SQL
	5-Apr-18	Test of IT & Business	Test of Topologies	Congestion Control	Triggers in PL/SQL
	6-Apr-18	Revision of Types of Information system(Half Part)	Revision of Transmission Media	Traffic Shaping	Programming using PL/SQL
	7-Apr-18	Revision of Types of Information system(Half Part)	Test of Transmission Media	Choke packets & load Shedding	Programming using PL/SQL
	8-Apr-18	<b>Sunday</b>			
	9-Apr-18	Test of Types of Information system	Revision of TCP/IP ,OSI & ATM	Introduction to Application Layer	Lab Day

15	10-Apr-18	Revision of Data,Information & Information System	Test of Revision of TCP/IP ,OSI & ATM	Introduction to DNS	Lab Day
	11-Apr-18	Test of Data,Information & Information System	Revision of Internet Servises & H/W & S/W Requirement	Introduction to E-Mail & WWW Services	Class Test/Sessional
	12-Apr-18	Revision of E-Commerce & WWW	Test of Internet Servises & H/W & S/W Requirement	Introduction to Network Security Issues	Assignment
	13-Apr-18	Test of E-Commerce & WWW	Revision of Browsers	Introduction to Security Attacks	Revision of Unit I
	14-Apr-18	<b>Dr Ambedkar Jayanti / Vaisakhi</b>			
	15-Apr-18	<b>Sunday</b>			
16	16-Apr-18	Revision of E-Commerce Models	Test of Browsers	Encryption methods	Revision of Unit I
	17-Apr-18	Test of E-Commerce Models	Revision of It Applications, E-Business	Encryption methods	Test of Unit I
	18-Apr-18	<b>Parashurama Jayanti</b>			
	19-Apr-18	Revision of EDI, Benefits & Components	Test of It Applications, E-Business	Firewalls & Digital Signatures	Revision of Unit II
	20-Apr-18	Test of EDI, Benefits & Components	Revision of E-Commerce	Assignment	Revision of Unit II
	21-Apr-18	Test of E-Commerce Application Services & Security Issues	Test of E-Commerce	Class Test of Unit I	Test of Unit II
	22-Apr-18	<b>Sunday</b>			
	23-Apr-18	Revision of EDI Implementation	Revision of Net Banking, Online Purchasing & Selling	Class Test of Unit I	Revision of Unit III



17	24-Apr-18	Test of EDI Implementation	Test of Net Banking, Online Purchasing & Selling	Class Test of Unit II	Revision of Unit III
	25-Apr-18	Revision of M-Commerce	Revision of Electronic Payment	Class Test of Unit II	Test of Unit III
	26-Apr-18	Test of M-Commerce	Test of Electronic Payment	Class Test of Unit III	Revision of Unit IV
	27-Apr-18	Revision of E-Governance	Revision of E-Governance	Class Test of Unit III	Test of Unit IV
	28-Apr-18	Test of E-Governance	Test of E-Governance	Class Test of Unit IV	Test of Unit IV
	29-Apr-18	<b>Sunday</b>			

### Lesson Plan

Name of the Assistant/ Associate Professor : Ms. Mehak kamboj

Subject:

		M.Sc IVth	BCA IVth	Bsc VIth	M.Sc IVth
Week	Date/Subject	Advance Web	Mgmt Info System	Web Designing using Advance Tools	Advance Web (LAB)
1	1-Jan-18	Intro to web browser	Introduction to subject	Introduction to java script	Intallation of wamp server
	2-Jan-18	Caching, Downloading & rendreing	Introduction to systems	featus	how to operate wamp
	3-Jan-18	Presistent connection	Basic concept of systems	Data types	PHP Syntax
	4-Jan-18	DNS caching & performance	Types of systems	Operators	program to find even & odd no
	5-Jan-18	<b>Guru Govind Singh Birthday</b>			
	6-Jan-18	CSS intro & expression	The System appoches	statements & functions	Program to find pop-up box
	7-Jan-18	<b>Sunday</b>			
2	8-Jan-18	CSS Tags	Revision	Event Handling	Program to find pop-up box
	9-Jan-18	Buffering & web logs	Introduction to inforamation System	Event Handling	Program to make calculator by drop down menu
	10-Jan-18	optimization & security	Defination & characterstics	Event Handling	Program to make calculator by drop down menu
	11-Jan-18	Parallel downloading	Black board test	Frames, windows	Program using switch case
	12-Jan-18	controlling cache	Problem solving	Tables	Program using switch case
	13-Jan-18	content compression	Types of Information	Images & links	Program to use array objects
	14-Jan-18	<b>Sunday</b>			
3	15-Jan-18	Assignment	Role of information in decesion making	class test	Program to user date object
	16-Jan-18	control size with minification	EDP management system	Introduction to VB script	Program to image map
	17-Jan-18	load blancer & optimizing image	Revision	Features	Program to use navigator Program to use navigator
	18-Jan-18	Tunning my sql	class test	Variables	
	19-Jan-18	optimizing query execution	MIS management levels	Data types & operators	Program to use array objects
	20-Jan-18	marketing of web site	seminar	Numeric & Literal constants	Program to use array objects

	21-Jan-18	<b>Sunday</b>			
4	22-Jan-18	<b>Vasant Panchami</b>			
	23-Jan-18	Revision	oral test	Arrays	Program of palindrome
	24-Jan-18	<b>Sir Chhotu Ram Jayanti</b>			
	25-Jan-18	Traffic generation, News letter	Assignment	Assignment	Discussion of syntax & previous done programs
	26-Jan-18	<b>Republic Day</b>			
	27-Jan-18	SQL: query logs	Black board test	Procedures & control statement	Assignment
	28-Jan-18	<b>Sunday</b>			
	5	29-Jan-18	SQL injection	EDP/MIS/DSS	Strings, messages & input boxes
30-Jan-18		Class test	class test	Event Handling & embedding VB script in HTML	Program by using continue statement
31-Jan-18		<b>Guru Ravidas jayanti</b>			
1-Feb-18		Searching techniques	Overview of MIS	revision class test	Tutorials
2-Feb-18		Keyword advertisement	Defination & characteristics		Program using break
3-Feb-18		search engine optimization	components	Introduction to Active Script pages	Program to create cookies
4-Feb-18		<b>Sunday</b>			
6	5-Feb-18	Header entires	Assignment	client server model	Program to create cookies
	6-Feb-18	Tags	oral test	Data types	Program to print Prime number upto 20
	7-Feb-18	selection of URL	Frame work for understanding	Decesion making statement	Program of arithmetic operator
	8-Feb-18	Hyper link & link structure	Black board revsion	control statements	Program of boolean operator
	9-Feb-18	Page rank of google& click rate	components	use of various objects of ASP	Program of for loop
	10-Feb-18	<b>Maharshi Dayanand Saraswati Jayanti</b>			
	11-Feb-18	<b>Sunday</b>			
	12-Feb-18	Frames & Script	Assignment of components	Assignment	Program of sorting of elements using array
	13-Feb-18	<b>Maha Shivratri</b>			
	14-Feb-18	content mgmt sys	Information requirement	techniques of connection to database	Program of sorting of elements using array

7	15-Feb-18	cookies	Levels of Management	oral test	Program of sorting of elements using insertion sort
	16-Feb-18	Robots	Simons Model of Decesion making	revsion	Program of sorting of elements using insertion sort
	17-Feb-18	Pitfalls in optimization	Simons Model of Decesion making	Macro media Flash	Assignment
	18-Feb-18	<b>Sunday</b>			
8	19-Feb-18	optimization &testing	class test	class test	Test
	20-Feb-18	Keywords Density	Structured decesion	Macro media Dreamweaver	Test
	21-Feb-18	Duplicate content	Unstructured decesion	intoduction to PHP	Program to write Factorial of a number using PHP
	22-Feb-18	Quick change of topics	Formal System	Syntax & Features	Confiurguring of mysql
	23-Feb-18	broken line,poor readability	Informal Syatem	Revsion	Confiurguring of mysql
	24-Feb-18	Rigid layout	Revision	oral test	Introduction of PHP
	25-Feb-18	<b>Sunday</b>			
9	26-Feb-18	Navigation Styles	Problem solving	class test	Basics of PHP
	27-Feb-18	Tools of optimization	class test	Intro DHTML	Syntax
	28-Feb-18	<b>KUK Holidays</b>			
	1-Mar-18	<b>KUK Holidays/Guru Ravidas Birthday</b>			
	2-Mar-18	<b>KUK Holidays/Holi</b>			
	3-Mar-18	<b>KUK Holidays</b>			
	4-Mar-18	<b>KUK Holidays/Sunday</b>			
10	5-Mar-18	Test	class test of unit 1 &2	Features DHTML	program of variable
	6-Mar-18	Intro to java script	Developing Information system	Events Dynamic Positioning	Program of arithmetic operator
	7-Mar-18	obtaning user input	Analysis	Layer Object	Program of arithmetic operator
	8-Mar-18	Memory concept	Design of information sys	Dynamic styles, Inline styles	Program of boolean operator
	9-Mar-18	Operator	assignment	Event Handlers	Program using for loop
	10-Mar-18	Control Structure	Revision	CSS concepts	Program using while loop
	11-Mar-18	<b>Sunday</b>			
	12-Mar-18	looping construct	Implementation of information sys	CSS concepts	Program using switch case
	13-Mar-18	Break, continue	Evaluation of information sys	Creating CSS	Program using switch case

11	14-Mar-18	programmer defined functions	assignment	Tags CSS	connectivity to mysql
	15-Mar-18	Scoping rules	revision	Tags CSS	connectivity to mysql
	16-Mar-18	Recursion & iteration	group discussion	Filters & transiations	Program to illustrate sessions in PHP
	17-Mar-18	Recursion & iteration	oral test	Filters & transiations	Program to make form
	18-Mar-18	<b>Sunday</b>			
12	19-Mar-18	Array declaration & allocation	Pitfalls in MIS development	revision	Program of Get
	20-Mar-18	passing array to function	Pitfalls in MIS development	class test	Program of Post
	21-Mar-18	Objects	Revision	Adding links	Program to illustrate Cookies
	22-Mar-18	String, Date	Revision	Adding tables	Program to illustrate Cookies
	23-Mar-18	<b>Shaheedi Diwas of Bhagat Singh, Rajguru &amp; Sukhdev</b>			
	24-Mar-18	Boolean	class test	adding forms	Assignment
	25-Mar-18	<b>Sunday/ Ram Navami</b>			
13	26-Mar-18	Window Document	assignment	Adding images & sounds	Program to pass form value in php
	27-Mar-18	use of cookies	seminar	Adding images & sounds	Program to pass form value in php
	28-Mar-18	event handling	seminar	Use of CSS in HTML	Method of form
	29-Mar-18	<b>Mahavir Jayanti</b>			
	30-Mar-18	problem solving	Functional MIS	Document Linking	program of string function in php
	31-Mar-18	Class test	Revision	Embedding of CSS in HTML document	Assignment
	1-Apr-18	<b>Sunday</b>			
14	2-Apr-18	intro to PHP	Introduction	Assignment	Project to create any web site that contain atleast 10 web pages
	3-Apr-18	Installing & configuring MY SQL	Study of personnel	Introduction to Microsoft Front page	project
	4-Apr-18	PHP Basics	Financial & production MIS	Features	project
	5-Apr-18	Security guidelines	Introduction to E-commerce	Title bar, menu bar	project
	6-Apr-18	Variables	Examples of E-commerce	Front page	project
	7-Apr-18	Data Types	Technologies	Tool bar	project
	8-Apr-18	<b>Sunday</b>			

15	9-Apr-18	Operators	Revision	Style font face	project
	10-Apr-18	Expression	Applications of E-commerce	Style font face	project
	11-Apr-18	Constants	Assignment	Formatting bars	project
	12-Apr-18	Flow control functions	oral test	Scroll bar	project
	13-Apr-18	switching flow	class test	Intoduction to XML	project
	14-Apr-18	<b>Dr Ambedkar Jayanti / Vaisakhi</b>			
	15-Apr-18	<b>Sunday</b>			
16	16-Apr-18	Loops	Decesion support system	Features	project
	17-Apr-18	Code Blocks	Support system for planning	XML support	project
	18-Apr-18	<b>Parashurama Jayanti</b>			
	19-Apr-18	Browser output	oral test	Structure of XML document	project
	20-Apr-18	Objects & strings	support system for controll	Creating Document Type Declaration	project
	21-Apr-18	Form processing	support system for Decesion making	Creating Document Type Declaration	project
	22-Apr-18	<b>Sunday</b>			
17	23-Apr-18	connection to database	class test	Flow Objects	Seminar of project
	24-Apr-18	connection to database	class test unit 1	Working with Text & fonts	Seminar of project
	25-Apr-18	cookies	class test unit 2	color & background properties	Seminar of project
	26-Apr-18	dynamic content	class test unit 3	revsion	Seminar of project
	27-Apr-18	revision	class test unit 4	oral test	Seminar of project
	28-Apr-18	Class test	Discussion of problems	class test	Seminar of project
	29-Apr-18	<b>Sunday</b>			

### Lesson Plan

Name of the Assistant/ Associate Professor NIDHI GOEL

Subject: COMPUTER

Week	Date/Subject	Linux And Shell	Advance Programming With	Advance Computer Architecture	Linux And Shell Programming (Lab)	
1	1-Jan-18	Introduction of operating system	Revision Of Basics Of VB	Introduction of Computational Models	Introduction Of Linux Operating System	
	2-Jan-18	Evolution Of Linux/Unix	DO	Evolution of Computer Architecture	Knowledge Of Ubuntu Plateform	
	3-Jan-18	Difference between Unix And Linux	Introducyion Of Collection And Its Use	Interpretation Of Architecture	explain Basic Commands	
	4-Jan-18	Distribution of Linux	Design An Application For Collection	Multilevel Hierarchical Framework	Do	
	5-Jan-18	<b>Guru Govind Singh Birthday</b>				
	6-Jan-18	Overview of linux/Unix Operating System	Returnindg An Item In Collection	Classification Of Parallel Architectures	General Purpose Commands	
	7-Jan-18	<b>Sunday</b>				
2	8-Jan-18	Architecture of Linux/Unix	Processing A Collection And its Applications	Relationship Between Programming Languages And Parallel Architectures	Do	
	9-Jan-18	Distinguish Features of Linux/Unix	Defining Forms And Its Properties	do	Do	
	10-Jan-18	Interfacing with linux/Unix System	Manipulating Forms In VB Project	Class Test	File Oriented Commands	

	11-Jan-18	Revision	Managing Forms at Run Time	Introduction of Parallel Processing	Do
	12-Jan-18	Class Test	Hide/Unhide Forms And Load/Unload Forms	Types Of Parallel Processing	Do
	13-Jan-18	Discussion Regarding Test	Design an application for Forms	Do	Process oriented Commands
	14-Jan-18	<b>Sunday</b>			
3	15-Jan-18	Introduction of Commands used in Linux	Drag And Drop Operations	Explain ILP	Do
	16-Jan-18	General Purpose Command	Design An Applicaton For Drag And DropmOperation	Dependencies Between Instructions	Directory Oriented Commands
	17-Jan-18	File Oriented Commands	Activate And Deactivate Events	Principles and structure Of Pipeline	Do
	18-Jan-18	Directory Oriented Commands	Revision	Do	Do
	19-Jan-18	Communication Oriented Commands	Class Test	Sessional	Communication Oriented Commands
	20-Jan-18	Process Oriented Commands	Form Load Event	Discussion Regarding Sessional	Do
	21-Jan-18	<b>Sunday</b>			
4	22-Jan-18	<b>Vasant Panchami</b>			
	23-Jan-18	Other Commonly Used Commands	Program-1 Of Using Forms	Performance Measure Of Pipeline	Do
	24-Jan-18	<b>Sir Chhotu Ram Jayanti</b>			
	25-Jan-18	Sessional	Program -2 For Forms	Do	Scheduling Oriented Commands
	26-Jan-18	<b>Republic Day</b>			
	27-Jan-18	Discussion Related to Sessional	Description Of Menus Of Project Window	Pipelined Processing Of Different Instruction	Do
	28-Jan-18	<b>Sunday</b>			
	29-Jan-18	Overview Of Filters Used in Linux	Sessional	Do	Some Other Commands
	30-Jan-18	Introduction Of Regular Expression	Discussion Of Sessional	VIIW Architecture	Do



5	31-Jan-18	<b>Guru Ravidas jayanti</b>			
	1-Feb-18	Give Proper Details of Use Of Filters & expression	Design An Application For Menus	Code Scheduling For ILP Processors	Filters
	2-Feb-18	do	Explain Working Of Menus With Forms	Do	Do
	3-Feb-18	do	Do	Do	Do
	4-Feb-18	<b>Sunday</b>			
6	5-Feb-18	Introduction of Process and discuss its life cycle	Do	Introduction Of Superscaler Processors	Class Test
	6-Feb-18	Explanation Of Starting & Stopping Process	Do	Tasks Of Superscaler Processing	Regular Expressions
	7-Feb-18	Intialization Of Process	Introduction Of Common Dialog Box	Do	Do
	8-Feb-18	Mechanism of Process Creation	Explain Use Of Cdb	Do	Do
	9-Feb-18	Revision	Manipulating Menus Using Cdb	Do	Introduction of Vi Editor
	10-Feb-18	<b>Maharshi Dayanand Saraswati Jayanti</b>			
	11-Feb-18	<b>Sunday</b>			
7	12-Feb-18	Class Test	Design An Applicatin For Cdb	Comparison Of VLIW & Superscaler processors	Syntax Use In Vi Editor
	13-Feb-18	<b>Maha Shivratri</b>			
	14-Feb-18	Job Control Commands Description	Class Test	Class Test	Some E.g To Use Syntexes
	15-Feb-18	Explain Use Of Above Commands	Coding Related To Events	explain Branch Handling	Do
	16-Feb-18	Signal Handling	Creating Submenus	Approaches to Branch Handling	Introduction Of Shell Programming
	17-Feb-18	Do	Design An Application For Submenus	Assignment	Explain Keywords, Variables etc.
	18-Feb-18	<b>Sunday</b>			
	19-Feb-18	Introduction Of System Calls And Their Use	Design An Application For Dynamic Menu	Approaches to Branch Handling	Concept Of I/O Statements with e.g
	20-Feb-18	Types Of System Calls	do	Do	Do

8	21-Feb-18	Do	Sessional	Do	Examples Of Shell Programming
	22-Feb-18	Do	Introduction To Advance Control In VB	Do	Do
	23-Feb-18	Sessional	Do	Sessional	Do
	24-Feb-18	Discussion regarding Sessional	Do	Discussion Regarding Sessional	Class Test
	25-Feb-18	<b>Sunday</b>			
9	26-Feb-18	Discuss Linux/Unix File System	Design An Application For Advance Control	Introduction To MIMD Architecture	Operators Used in Shell Programming
	27-Feb-18	Inodes And Structure of File System	Do	Do	Do
	28-Feb-18	<b>KUK Holidays</b>			
	1-Mar-18	<b>KUK Holidays/Guru Ravidas Birthday</b>			
	2-Mar-18	<b>KUK Holidays/Holi</b>			
	3-Mar-18	<b>KUK Holidays</b>			
	4-Mar-18	<b>Sunday</b>			
10	5-Mar-18	Revision Of Previous Topics	Revision of Previous controls	Concepts OF Distributed and Shared Memory	Control Structures
	6-Mar-18	Continued Part Of Structure Of File System	Continued Part of Advance Control	UMA	Do With E.g
	7-Mar-18	ComponentsOf File System	Do	NUMA	Small Programs of Control Structures
	8-Mar-18	Standard File System	Introduction Of File Handling Controls	CC-NUMA	Do
	9-Mar-18	Class Test	Squential And Random Files	COMA Model	Do
	10-Mar-18	Discussion Regarding Test	Opening And Closing Data Files	problems of scalable Computers	Concept of Loops
	11-Mar-18	<b>Sunday</b>			
11	12-Mar-18	Types of File System	Class Test	Do	Do
	13-Mar-18	Do	Performing Operations On a File	Linear Array	Do
	14-Mar-18	Do	Do	Ring,Cordal Ring	Shell Program of Loops
	15-Mar-18	Mounting Of File System	Do	Class Test	Steps Of Creating Shell Scripts

11	16-Mar-18	Unmounting Of File System	Do		Do
	17-Mar-18	Differentiate Between Mounting And unmounting	Do	Chordal Rings,Star,Tree topology	Shell Script -1 adding of two no.
	18-Mar-18	<b>Sunday</b>			
12	19-Mar-18	Sessional	Introduction Of Graphics In VB	do	2-to make simple calculator
	20-Mar-18	Discussion Regarding to Sessional	Working of Graphics with Different Tools	2D mesh,Barrel shifter	3-palindrome of a given no.
	21-Mar-18	Introductuion of Shell Programming	Design An Application For Graphics	Hypercubes	Do
	22-Mar-18	Basics of Shell Programming	Do	Sessional	4-Reverse of a no.
	23-Mar-18	<b>Shaheedi Diwas of Bhagat Singh, Rajguru &amp; Sukhdev</b>			
	24-Mar-18	Describe of Vi Editors	Sessional	Discussion Regarding Sessional	Do
	25-Mar-18	<b>Sunday/Ram Navmi</b>			
13	26-Mar-18	Explain Working of Vi Editors	Discussion Regarding Sessional	Introduction Of Interconnection Network	Revision
	27-Mar-18	Do	Overview Of Database	Single Shared Buses	5-Sum of n digit
	28-Mar-18	Shell Variables	How to relate Database with VB Project	Do	Do
	29-Mar-18	<b>Mahavir Jayanti</b>			
	30-Mar-18	I/O Statements Used In Shell Programming	Explanation of Data Controls	Comparison of Locked ,Pended and split Transaction Buses	6-find Largest of three no
	31-Mar-18	Do	Assignment	Do	7-Factorial of a given no
	1-Apr-18	<b>Sundy</b>			
14	2-Apr-18	Control Structures Used In Shell Programming	Design An Application Of Data Control	Class Test	8- To print a given pattern
	3-Apr-18	Do	Do	Arbiter Logics	do
	4-Apr-18	Do	Introduction of Data Bound Control	Crossbar	9-To print a given table
	5-Apr-18	Explain Loops	Design An Application For DBC	do	Do

	6-Apr-18	syntex of loops	Do	Multistage Networks- Omega	10-To print Fibonacci Series
	7-Apr-18	Examples of Loops Programs	Class Test	Butterfly	Do
	8-Apr-18	<b>Sunday</b>			
15	9-Apr-18	Revision	Desing An Application for RDO	Revision	12-To check That Given No Is Prime or not
	10-Apr-18	Introduction of Subprograms	Design An Application For DAO	Introductuion of Cache Coherence	Do
	11-Apr-18	Class Test	DO	Coherence Problems	13-To check given no is armstrong or not
	12-Apr-18	Command Line Programming	DO	Hardware Based Protocols	Do
	13-Apr-18	Examples of Command Line Programming	Design An Application For ADO	snoopy cache Protocol	14-Adding and deleting elements in an array
	14-Apr-18	<b>Dr Ambedkar Jayanti / Vaisakhi</b>			
	15-Apr-18	<b>Sunday</b>			
16	16-Apr-18	Sessional	Sessional	Do	Do
	17-Apr-18	rding Sessional	Discussion Related to Sessional	explanation of diagram of snoopy	15-To create Simple Menus
	18-Apr-18	<b>Parashurama Jayanti</b>			
	19-Apr-18	Introduction Of Shell Script	Application For Creating Database	Directory Schemes	Do
	20-Apr-18	Shell Script-1	Applying Operations On Database	Do	Concepts of using functions
	21-Apr-18	Shell Script-2	do	Do	Do
	22-Apr-18	<b>Sunday</b>			
17	23-Apr-18	Shell Script -3	Application For Updation Of Database	Sessional	Script Using Functions
	24-Apr-18	Shell Script -4	Application For Adding /deleting Records in Database	Discussion Regarding Sessional	Do
	25-Apr-18	Shell Script-5	Class Test	Hierarchical Cache Coherence Protocols	Revision
	26-Apr-18	Shell -Script-6	Discussion Of previous year spapers	Do	Revision

	27-Apr-18	Discussion Of Whole Syllabus	Problems Regarding Whole syllabus	Software Based Protocols	Some Other Programs
	28-Apr-18	Do	Do	Do	Do
	29-Apr-18	Do	Do	Do	Do

**Lesson Plan**

Name of the Assistant/ Associate Professor **Pooja Rani(Asst Prof)**

	Class	BCA 2nd	M.com	BCA-2nd	PGDCA
Week	Date/Subject	Office Automation	IT & E-commerce	SAD	problem solving through C
1	1-Jan-18	Inrtroduction of Desktop Publishing	introduction to E -commerce	definition of system	concept of compiler
	2-Jan-18	Need of Desktop Publishing	meaning of E -commerce	characteristics	concept of assembler & interpreter
	3-Jan-18	Application of Desktop Publishing	business application of E -commerce	elements	concept of problem solving
	4-Jan-18	do	do	do	do
	5-Jan-18	<b>Guru Govind Singh Birthday</b>			
	6-Jan-18	H/w requirement of DTP	comparison with traditional commerce	physical and abstract system	problem definition
	7-Jan-18	<b>Sunday</b>			
2	8-Jan-18	S/w requirement of DTP	test	open and close system	program design
	9-Jan-18	Introduction of DTP packages	business models in E -commerce	do	debugging
	10-Jan-18	Comparison between DTP packeg	E-shops	test	types of errors in programming
	11-Jan-18	common feature of DTP	E-procurement	man made information system	documentation
	12-Jan-18	introduction to page maker	E- auctions	concept of SDLC	revision
	13-Jan-18	feature	value chain integrations	phases	revision

	14-Jan-18	<b>Sunday</b>			
3	15-Jan-18	system requirement	information brokerage	do	test
	16-Jan-18	component of page maker	telecommunication	do	flow charting, decision tables
	17-Jan-18	do	collaboration platforms	test	algorithm
	18-Jan-18	do	revision of business model	consideration for system planning	structured programming concept
	19-Jan-18	revision	test	do	programming methodology
	20-Jan-18	introduction to menubar	electronic payment system	control for system success	do
	21-Jan-18	<b>Sunday</b>			
4	22-Jan-18	<b>Vasant Panchami</b>			
	23-Jan-18	introduction to toolbar	introduction to E-banking	do	overview of C
	24-Jan-18	<b>Sir Chhotu Ram Jayanti</b>			
	25-Jan-18	do	operations of E-banking	test	history of C
	26-Jan-18	<b>Republic Day</b>			
	27-Jan-18	pagemaker references	do	role of system analyst	importance of C
	28-Jan-18	<b>Sunday</b>			
	29-Jan-18	do	test	do	do

5	30-Jan-18	test	problem solving session	test	structured of C program
	31-Jan-18	<b>Guru Ravidas jayanti</b>			
	1-Feb-18	starting pagemaker	introduction to online found transfer	concept of system planning	concept of elements of c
	2-Feb-18	setting page size	RTGC	bases for planning in system analysis	character set
	3-Feb-18	placing the text formatting the text	ATM	do	identifier and keyword
	4-Feb-18	<b>Sunday</b>			
6	5-Feb-18	paragraph setting	online share market operations	dimensions of planning	data types
	6-Feb-18	paragraph specification	do	do	do
	7-Feb-18	paragraph rules and spacing	introduction to online marketing	concept of initial investigation	constants
	8-Feb-18	indexes	web based advertising	determining user requirement	variables
	9-Feb-18	define styles	do	determining user analysis	operators
	10-Feb-18	<b>Maharshi Dayanand Saraswati Jayanti</b>			
11-Feb-18	<b>Sunday</b>				
	12-Feb-18	Hyphenation	advantages of web based advertising	fact finding process	do
	13-Feb-18	<b>Maha Shivratri</b>			
	14-Feb-18	header and footer	type of online advertising	techniques	test



7	15-Feb-18	page numbering and saving and closing publishing	search engine	do	concept of input output
	16-Feb-18	revision	concept of search engine optimizer	concept of tools of structured analysis	unformatted input output function
	17-Feb-18	open a publication	techniques of search engine optimization	DFD	formatted I/O function
	18-Feb-18	<b>Sunday</b>			
8	19-Feb-18	story editor	introduction to E-mail marketing	data dictionary	test
	20-Feb-18	find & change the text	social networking & marketing	IPO chart	concept of control statements
	21-Feb-18	change character & paragraph attribute	do	HIPO chart	do
	22-Feb-18	spell checking	do	gantt chart	do
	23-Feb-18	selecting text	viral marketing	pseudo codes	test
	24-Feb-18	cut,copy,paste,paste multiple	do	revision	assignments of function
	25-Feb-18	<b>Sunday</b>			
9	26-Feb-18	working with columns	test	flow chart,decision tree	definition and prototypes of function
	27-Feb-18	test	problem solving session	decision tables	function call
	28-Feb-18	<b>KUK Holidays</b>			
	1-Mar-18	<b>KUK Holidays/Guru Ravidas Birthday</b>			
	2-Mar-18	<b>KUK Holidays/Holi</b>			

	3-Mar-18	<b>KUK Holidays</b>			
	4-Mar-18	<b>KUK Holidays/Sunday</b>			
10	5-Mar-18	introduction to office automation	introduction to E-retailing	test	test
	6-Mar-18	creating document	advantages	concept of feasibility study	library function
	7-Mar-18	editing document	limitations	do	recursion
	8-Mar-18	formatting document	CRM & IT	data analysis cost	storage classes in C
	9-Mar-18	auto text	introduction to online research	benefit analysis of system	do
	10-Mar-18	auto correct	secondary research	I/O design	do
	11-Mar-18	<b>Sunday</b>			
11	12-Mar-18	spelling & grammer tool	revision	form design	test
	13-Mar-18	document dictionary	online focus group	file organization	concept of array
	14-Mar-18	page formatting	do	structures	do
	15-Mar-18	bookmark	introduction to web based survey	objectives of data base design	concept of strings
	16-Mar-18	revised	do	do	do
	17-Mar-18	test	introduction to data mining	do	string function
	18-Mar-18	<b>Sunday</b>			

12	19-Mar-18	introduction to mail merge	revision	revision	do
	20-Mar-18	advance features of word mail merge	data mining from social networking sites	test	dynamic string
	21-Mar-18	macros	do	logical view of data	do
	22-Mar-18	tables	do	physical view of data	revision
	23-Mar-18	<b>Shaheedi Diwas of Bhagat Singh, Rajguru &amp; Sukhdev</b>			
	24-Mar-18	test	test	test	test
	25-Mar-18	<b>Sunday</b>			
13	26-Mar-18	file management	concept of cloud computing	concept of system testing	introduction of pointers
	27-Mar-18	printing, styles	uses	objectives	operations on pointers
	28-Mar-18	do	application	do	do
	29-Mar-18	<b>Mahavir Jayanti</b>			
	30-Mar-18	linking & embedding object	test	test planning	test
	31-Mar-18	test	problem solving session	do	problem solving session
	1-Apr-18	<b>Sunday</b>			
	2-Apr-18	introduction to power point	introduction of enterprise resource planning	test	pointers and arrays
	3-Apr-18	creating presentations	do	testing techniques	dynamic memory allocation

14	4-Apr-18	municipulating presentation	concept of e-commers	do	do
	5-Apr-18	enhancing slides	security issues	concept of quality assurance	pointers and function
	6-Apr-18	organisational charts	concept of online frauds	do	do
	7-Apr-18	excel charts	do	goal of quality assurance	revision
	8-Apr-18	<b>Sunday</b>			
15	9-Apr-18	word art	test	do	test
	10-Apr-18	revision	privacy issues in e -commerce	level of quality assurance	pointers and string
	11-Apr-18	layering art objects	do	do	do
	12-Apr-18	animations & sounds	do	test	test
	13-Apr-18	do	revision	concept of system implementation	concept of structures
	14-Apr-18	<b>Dr Ambedkar Jayanti/ Vaisakhi</b>			
	15-Apr-18	<b>Sunday</b>			
16	16-Apr-18	test	test	concept of software maintenance	concept of union
	17-Apr-18	problem solving session	problem solving session	do	revision
	18-Apr-18	<b>Parashurama Jayanti</b>			
	19-Apr-18	inserting animated pictures	concept of cyber laws	primary activity	test

	20-Apr-18	accessing through objects	do	do	structures and pointers
	21-Apr-18	do	do	do	do
	22-Apr-18	<b>Sunday</b>			
17	23-Apr-18	test	cyber laws including IT act	test	test
	24-Apr-18	inserting recorded sound effect	test	reducing maintenance cost	passing structure to function
	25-Apr-18	in-built sound effect	revision	do	do
	26-Apr-18	do	revision	do	do
	27-Apr-18	revision	problem solving session	revision	revision
	28-Apr-18	test	complete test	test	test
	29-Apr-18	<b>Sunday</b>			

## Lesson Plan

Name of Assistant/ Associate Professor: Sonia devi ( Assistant Professor )

	class	BCA-6th SEM	BC(VC)-2nd SEM	BSE-2nd SEM	BSC-4th SEM
Week	Date/Subject	operating system-II	BDP	proramming in c	object oriented programming with C++
1	1-Jan-18	Introduction of subject	Introduction of subject	Introduction of subject	Introduction of subject
	2-Jan-18	Process synchronization: Meaning of critical section	representation software: creating,opnong and saving	history and impotence of c	OOP feature
	3-Jan-18	Single process/Two process solution	do	structure of c program	oop feature
	4-Jan-18	Revision of critical section problem	do	c character set,identifire and keywords	do
	5-Jan-18	<b>Guru Govind Singh Birthday</b>			
	6-Jan-18	Semaphores:Type and implementation	working with different view	data types, constants,variablesand assignment	class and objects
	7-Jan-18	<b>Sunday</b>			
2	8-Jan-18	Meaning of Deadlock and starvation	do	test of elements of c	do
	9-Jan-18	Do	working with slides	meaning of symbolic constant	data hiding and encapsulation
	10-Jan-18	Revision of semaphores	lab-work	I/O unformatted and formatted fuction	do
	11-Jan-18	Test of critical section problem	lab-work	do	do
	12-Jan-18	classical problem of synchronization-Bound Buffer problems	do	input function: scanf(), getch(0	structure, data member
	13-Jan-18	The reader and writer problem	adding and formating text	getche(), getchar()	member function

	14-Jan-18	<b>Sunday</b>			
3	15-Jan-18	revision	spelling checks	test of input function	lab-work
	16-Jan-18	The dining philosopher problem	preparing overhead transparencies speakersnotes	gets()	lab-work
	17-Jan-18	Critical region	do	output function: meaning	lab-work
	18-Jan-18	Critical region and monitor	do	printf(), puts()	scope resolution operator and significance
	19-Jan-18	revision	handsout and outlines	revision of output function	do
	20-Jan-18	acyclic and general graph	lab work	meaning of putchar() and puts()	do
	21-Jan-18	<b>Sunday</b>			
4	22-Jan-18	<b>Vasant Panchami</b>			
	23-Jan-18	test of bound buffer and reader writer problem	test of presentation software	simple program of c in lab	test of object oriented programming
	24-Jan-18	<b>Sir Chhotu Ram Jayanti</b>			
	25-Jan-18	assignment of process synchronization	printing presentation	do	static data member
	26-Jan-18	<b>Republic Day</b>			
	27-Jan-18	Directory structure:single and two level	lab-work	do	static member function
	28-Jan-18	<b>Sunday</b>			
	29-Jan-18	tesr of dining philosopher and Monitor	assignment of prentation software	revision of output function	lab-work
	30-Jan-18	sessional test	test	sessional test	sessional test

5	31-Jan-18	<b>Guru Ravidas jayanti</b>			
	1-Feb-18	directory implementation	working with objects	operator and expression: arithmetic, relational	nested and local class
	2-Feb-18	do	do	do	do
	3-Feb-18	Recovery	desining,running and controllingelectronic slides	logical, bitwise, unary operator	lab-work
	4-Feb-18	<b>Sunday</b>			
6	5-Feb-18	secondary storage structure: disk structure	do	assignment and conditional operator	accessing member of classes
	6-Feb-18	disk shedding: FCFS,SSTF,SCAN	do	do	do
	7-Feb-18	C-SCAN, LOOK,C-LOOK	desktop publishing: concept, need,application	do	constructor: types
	8-Feb-18	disk management,swap space management	hardware, software requirement for DTP	lab-work	do
	9-Feb-18	selection of disk shedding	do	do	do
	10-Feb-18	<b>Maharshi Dayanand Saraswati Jayanti</b>			
	11-Feb-18	<b>Sunday</b>			
7	12-Feb-18	test of disk scheduling	an overview of DTP packeg:MS word	special operator and arithmetic expression	constructor overloading
	13-Feb-18	<b>Maha Shivratri</b>			
	14-Feb-18	networking operating system: remote login	comparision of DTP software	evaluation of arithmetic expression	lab-work
	15-Feb-18	remote file transfer	lab-work	test of operator and expression	lab-work
	16-Feb-18	distributed operating system:meaning	lab-work	type casting and conversion	test of constructor



	17-Feb-18	Data migration,computation migration	page maker: text formating and word font	do	distructor
	18-Feb-18	<b>Sunday</b>			
8	19-Feb-18	assignment of network and distributed o.s	do	operator hierarchy and associativity	console I/O: hierarchy of console stream classes
	20-Feb-18	distributed process migration	do	do	do
	21-Feb-18	revision of distributed o.s	composition and typography	decision making and branching: decision making IF statement	do
	22-Feb-18	introduction to linux,feature and architecture	graphics and text objects	IF-ELSE and nested IF statement	unformatted and formatted I/O operator
	23-Feb-18	Linux: Distribution Accessing linux system	do	do	do
	24-Feb-18	Login / logout / Shutting Down	lab-work	else-if ladder	do
	25-Feb-18	<b>Sunday</b>			
9	26-Feb-18	Test of Distributed O.S	indexes contents and pagination	lab-work	assignment of constructor
	27-Feb-18	Sessional test	lab-work	sessional test	sessional test
	28-Feb-18	<b>KUK Holidays</b>			
	1-Mar-18	<b>KUK Holidays/Guru Ravidas Birthday</b>			
	2-Mar-18	<b>KUK Holidays/Holi</b>			
	3-Mar-18	<b>KUK Holidays</b>			
	4-Mar-18	<b>KUK Holidays/Sunday</b>			
	5-Mar-18	Comparision of linux with other O.S	test of pagemaker	test of operator and expression in lab	meaning of manipulators

10	6-Mar-18	Command in linux general-purpose	color management	do	concept of friend function
	7-Mar-18	File oriented command	lab-work	do	do
	8-Mar-18	do	tables handling, printing and publication	simple program of c in lab	meaning of friend class
	9-Mar-18	Directory Oriented Command.	do	decision making and looping: for, while	do
	10-Mar-18	do	lab-work		lab-work
	11-Mar-18	<b>Sunday</b>			
11	12-Mar-18	Communication oriented command	advantages and limitation of page maker	lab-work	array of object, passing object to function'
	13-Mar-18	do	test of page maker	do while loop, jumps in loops	lab-work
	14-Mar-18	Test of general purpose and file oriented	concept of statistical software: data entry	break, continue statement	string handling in c++
	15-Mar-18	Process oriented command	tabulation , sorting	do	do
	16-Mar-18	do	do	lab-work	dynamic memory
	17-Mar-18	Redirection of input and output pipes	lab-work	function: meaning and concept	test of friend function and classes
	18-Mar-18	<b>Sunday</b>			
12	19-Mar-18	do	lab-work	do	meaning of pointer
	20-Mar-18	do	data analysis using software	function: passing parameter	new and delete operator
	21-Mar-18	Assignment of commands in linux	lab-work	do	array of pointer to object
	22-Mar-18	Linux file system : Type of file in linux	dat analysis in excel, SPSS	revision	do

	23-Mar-18	<b>Shaheedi Diwas of Bhagat Singh, Rajguru &amp; Sukhdev</b>			
	24-Mar-18	file attributes in linux	do	test of decision making and looping	concept of this pointer
	25-Mar-18	<b>Sunday/ Ram Navami</b>			
13	26-Mar-18	Test of process oriented and command oriented	lab-work	lab-work	passing parameters to function by
	27-Mar-18	Structure of file system	assignment of satistical software	lab-work	reference and by pointer
	28-Mar-18	test of file Attributes		do	do
	29-Mar-18	<b>Mahavir Jayanti</b>			
	30-Mar-18	<b>sessional test</b>	revision	revision	assignment of pointer
	31-Mar-18	revision	problem solving session	sessional test	sessional test
	1-Apr-18	<b>Sunday</b>			
14	2-Apr-18	Inode in linux	concept of mobile application: types	staraage classes in c: auto, extern	static polymorphism: operator in c++
	3-Apr-18	file permission	source of mobile application	do	do
	4-Apr-18	File system components	do	do	precedence and associativity rules
	5-Apr-18	do	merits and demerits of mobile application	register and static storage classes	do
	6-Apr-18	Standard file system, file system types	do	do	do
	7-Apr-18	do	revision of mobile application	do	operator overloading
	8-Apr-18	<b>Sunday</b>			

15	9-Apr-18	disk related commands	making presentation including graphics and animation	lab-work	do
	10-Apr-18	do	do	lab-work	do
	11-Apr-18	procs in linux: Introduction	lab-work	test of storage classes	test of operator overloading
	12-Apr-18	Job control in linux using at , batch	lab-work	scope of storage classes	unary and binary operator overloading
	13-Apr-18	Job control in linux using corn and time command	lab-work	do	do
	14-Apr-18	<b>Dr Ambedkar Jayanti / Vaisakhi</b>			
	15-Apr-18	<b>Sunday</b>			
16	16-Apr-18	Test of Job control in linux	test of mobile application	storage and lifetime	do
	17-Apr-18	Revision of Job Control in linux	practical of page maker in lab	do	do
	18-Apr-18	<b>Parashurama Jayanti</b>			
	19-Apr-18	The vi editor : Introduction and mode of vi editor	lab-work	assignment of storage classes in c	function overloading
	20-Apr-18	do	lab-work	test in storage classes	do
	21-Apr-18	Commands in vi editor	test of page maker	array: definition , types and initialization	do
	22-Apr-18	<b>Sunday</b>			
	23-Apr-18	do	statistical analysis of data using excel	lab-work	inline function: meaning , syntex
	24-Apr-18	Shell Programming - Introduction ,Shell variables ,	do	lab-work	do
	25-Apr-18	Operator in shell program and revision	do	structure and union	merits and demerits of static polymorphism

17	26-Apr-18	I/O in shell , Control structure	lab-work	do	do
	27-Apr-18	Creating and executing shell programs in linux	revision	do	assignment of static polymorphism
	28-Apr-18	test/sessional	sessional test	sessional test	sessional test
	29-Apr-18	<b>Sunday</b>			